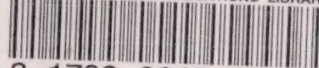


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## PREFACE AND ACKNOWLEDGMENT

The Water Resources Survey, first sponsored in February, 1936 by the State Planning Commission and later jointly by the Commission and the Colorado Water Conservation Board, has compiled basic data which are being used to prepare a master report on the water resources of Colorado.

The work has been carried on with the aid of a Works Progress Administration Project under the direction of competent engineers and the general supervision of the Planning Commission, the Water Conservation Board and the State Engineer.

Basic data, too voluminous to be included in the master report, are published in the form of appendices as follows:

- Appendix No. 1 - Climatological Data of Colorado.
- Appendix No. 2 - Data on Stream Gaging Stations of Colorado.
- Appendix No. 3 - Stream Flow Data of Colorado.
- Appendix No. 4 - Canal Diversion Data of Colorado.
- Appendix No. 5 - Statistics of Irrigated Crops.

This appendix consists of climatological data, the greater part of which were obtained from the office of the United States Weather Bureau at Denver. The stream discharge data included were determined from the original records of the State Engineer and the U. S. Geological Survey. The evaporation and snow course data were taken from published and unpublished records of a number of agencies in addition to the Weather Bureau, including the Bureau of Plant Industry, the Bureau of Reclamation, the State Engineer of New Mexico, the Colorado Agricultural Experiment Station and others as enumerated in the text.

Special acknowledgment is made to the staff of the United States Weather Bureau and to the many other agencies for their co-operation in the work of compiling this information.

Colorado State Planning Commission  
Water Conservation Board  
State Engineer





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## EXPLANATION OF DATA

This volume presents in convenient form climatological data obtained from the United States Weather Bureau. The records considered most useful and important have been compiled for ready reference and many quantities such as yearly departures from the mean, five-year moving averages and monthly means have been shown both in tabular and graphic form. The index map and the table showing location and period of record of all stations in the state, operating and discontinued, may be used to determine what other information is available where studies require more detailed data than is set forth in this publication.

The Weather Bureau has divided the state into three climatological divisions, viz.: The northeastern division, including the North Platte, the South Platte and most of the Republican and Smoky Hill basins; the southeastern division, including the lower tip of the Republican and Smoky Hill, and the Arkansas basins; and the western division, including the Rio Grande basin and the basin of the Colorado River and its tributaries. (See map, page 231 and in pocket inside the back cover). Station index numbers for the stations as adopted for this report conform to these subdivisions of the state. In each division the stations were numbered from North to South as follows: In the northeastern division, NE-1, NE-2, etc.; in the southeastern division, SE-1, SE-2, etc.; and in the western division, W-1, W-2, W-3, etc.

For convenience in the use of the data, particularly for water studies, another grouping of stations was made by drainage basins, namely: North Platte, South Platte, Republican and Smoky Hill, Arkansas, Rio Grande, San Juan, Colorado and Green. (Table II, pages 14 to 27). The





stations were also divided by length of record, including the year 1935, into groups I to VI: Group I, stations of 40 years record or over; Group II, 30 to 39 years; Group III, 20 to 29 years; Group IV, 10 to 19 years; Group V, 5 to 9 years; and Group VI, under 5 years. (Pages 152-155). Thirty-eight representative stations designated as Group "A" were selected from the first three of these groups to give a picture of the climatological conditions of the state as a whole. (Table III and IIIa, pages 28-30 and detailed tables and graphs, pages 31-148).

Much of the work on the contents of this volume was completed in 1936 and 1937, the year 1935 being the last year of record used in obtaining averages. These averages have been retained, though 1936, 1937 and some 1938 data have since been included. To obtain the averages for each individual station, scattered years of record were not included. Consequently, these basic averages will not conform exactly to the averages or normals derived by the United States Weather Bureau.

On pages vi and vii are given some notes showing station locations which are at some distance from the towns for which the stations are named, and changes which have been made in the location of stations during the period of record.

Table I (pages 1 to 13) shows the location and elevation of the 371 current and discontinued meteorological stations of the state, together with the period and length of the precipitation and temperature records kept at these stations. The locations of the stations are also indicated on the index map (back cover).

Table II, pages 14 to 27, is the main summary table of climatological data, with all stations grouped by drainage basins, giving information on



precipitation, temperature, snowfall and length of growing season. The years of record in this table do not conform with those shown in Table I, as scattered years of record were discarded to obtain the basic averages used in columns 4 and 11 of Table II, although all years of record were used in obtaining maximum and minimum values in columns 5 and 6.

Table III, pages 28 to 29, for the 38 Group "A" stations, gives the same data as Table II, the stations being listed in numerical order. Table IIIa, page 30, lists these same stations alphabetically, shows location and elevation, and gives the page numbers of the detailed tables and graphs which follow. These tables and graphs, which appear on pages 31 to 148, give information more in detail for the Group "A" stations, showing annual precipitation and some derived quantities year by year, through their respective periods of record, and monthly average, maximum and minimum values for both precipitation and temperature.

Table IV, pages 149 to 151, gives 1936 and 1937 annual precipitation and temperature together with the years of record and the average precipitation and temperature to 1935 for all stations having records in 1936 or 1937. The percentage which the 1936 and 1937 precipitation is of the average is also shown. Table IVa, page 151a, gives annual precipitation and average temperatures for the year 1938.

Table V, pages 156 to 172, gives the location of 255 snow stakes in the elevated regions of Colorado, with average depth and water content on March 31 and April 30 for the period of record. Some of these records begin as early as 1910, while a large number were started in 1914. In many cases the same snow stake number indicated two stations, a and b, which are at different locations.





Snow course records, which show snow depth and water content every 50 to 100 feet for a distance of 1,000 to 2,500 feet, were started in Colorado in 1936. These records are shown in Table VI, pages 173 to 177, for the 67 snow course stations being operated in 1938. The map on page 234 shows the location of both snow stakes and snow courses.

Records of maximum five-minutes to 24-hour precipitation exist for three automatic recording stations in Colorado, and for various principal precipitation stations in surrounding states. Tables showing data for six stations are included on pages 178 to 180, inclusive.

A summary table of observed monthly pan evaporation figures for a group of stations in Colorado and adjacent states is given on pages 183 and 184. On pages 185 to 214 are shown detailed monthly records of observed pan evaporation for all of these stations having records of two or more years.

On pages 215 to 230 are shown maximum "momentary-peak discharge" or "mean-daily discharge" quantities for a few miscellaneous stream-gaging stations in Colorado and northern New Mexico during each year of record at those stations. Except where noted momentary-peak discharges were taken from the original charts and rating tables, and mean-daily discharges from publications of the Colorado State Engineer or the United States Geological Survey.

In addition to the index map and snow stake and snow course map, already mentioned, there are shown on pages 231 to 236 the following additional maps: Counties and Climatological Divisions of Colorado, Counties and Major Basin Divisions of Colorado, Distribution of Precipitation in Colorado, Growing Season Map of Colorado, and Topography of Colorado.





Supplementing the detailed Group "A" data published in this volume, there are on file tables and graphs showing data for all stations having a record of over 20 years, and for most stations having a record of from 10 to 20 years.



NOTES ON LOCATION OF UNITED STATES WEATHER BUREAU STATIONS

Northeastern Division

NE- 47 Akron: Station four miles east of town.

NE- 62 Boulder: July, 1895 to March, 1897 inclusive, record for Longmont, 14 miles northeast of Boulder.

NE-106 Burlington: From 1892 to 1903 inclusive, record for Wallet, a few miles northeast of Burlington.

NE- 90 Cope: From January, 1890 to August, 1891 inclusive, for Kirk, 14 miles east of Cope. May, 1901 to September, 1905 inclusive, for Fox near Kirk.

NE- 43 Ft. Morgan: 1891 to 1895 inclusive, record for Brush, a short distance from Fort Morgan.

NE- 53 Frances: From 1890 to 1899 inclusive, record for Smoky Hill Mine, and from 1900 to 1904 inclusive, record for Sugar Loaf, a short distance from Frances.

NE- 23 Fry's Ranch: Name changed to Rugh's Ranch July, 1923.

NE- 22 Holyoke: From 1888 to 1889 inclusive, record for Paoli, about 10 miles west of Holyoke. From 1890 to 1894 inclusive, record for Amherst, about nine miles northeast of Holyoke.

NE- 84 Idaho Springs: From April, 1894 to June, 1901 inclusive, record at Dumont, about six miles northwest of Idaho Springs and 500 feet higher.

NE- 97 Kassler: From September, 1898 to May, 1902 inclusive, for Perry Park, near Kassler.

NE- 54 Wray: From January, 1892 to April, 1893 inclusive, for Robb, eight miles west of Wray, and from June, 1894 to September, 1895 inclusive, for Vernon, 10 miles south of Wray.

Southeastern Division

SE- 24 Buena Vista: Station since 1906 located at the State Reformatory, one and one-half miles south of town.

SE- 84 Hoehne: From 1891 to 1896 inclusive, record at Downing, 12 miles southeast of Hoehne.





Southeastern Division (Continued)

SE- 61 Las Animas: Values for 1862 and 1863 from old Fort Lyon, 22 miles east of Las Animas; January, 1867 to August, 1881 new Fort Lyon, five miles east of Las Animas; October, 1881 to May, 1888 regular U. S. Weather Bureau station; and September, 1888 to July, 1889, Fort Lyon record.

SE- 5 Leadville: Values 1895 to May, 1903 taken for station located three miles south of Leadville.

SE- 4 Limon: Station located eight miles south of Limon.

SE- 11 Monument: Station located about two miles west of town.

SE- 85 North Lake: Values 1899 to 1907 inclusive, at Clearview, four miles northeast of North Lake.

SE- 50 Pueblo: From January, 1869 to April, 1872 inclusive, record for Fort Reynolds, 14 miles east of Pueblo.

SE- 75 Two Buttes: From July, 1887 to September, 1911 inclusive, from Blaine, six miles southeast of Two Buttes.

SE- 55 Westcliffe: Values 1895 to 1898 inclusive, for Millbrook, 11 miles northwest of Westcliffe.

SE- 1 Wortman: Values 1888 to 1896 inclusive, for Climax, summit of Fremont Pass, one mile northwest of Wortman, elevation 11,304 feet. (Wortman elevation 11,250 feet).

Western Division

W-128 Fort Garland: From October, 1852 to July, 1858 inclusive, the values are for Fort Massachusetts, eight miles northwest of Fort Garland.

W-103 Hermit: Record prior to 1909 made at San Juan or Troutvale, two miles northeast of Hermit, and on same creek. From 1909 to September, 1929, the values are for Hermit in Hinsdale County, elevation 8,912 feet.

W- 63 Paonia: Record for 1900 to 1904 inclusive, for Rogers Mesa, near Paonia.

W- 36 Silt: Record prior to 1900 made near Antlers, four miles west of Silt.

W-121 Tacoma: Station known as Power House prior to January, 1908.



NOTES ON TABLE I, CLIMATOLOGICAL INDEX. Pages 1-13

Column 1. Letters indicate division of state used by United States Weather Bureau: NE, Northeastern; SE, Southeastern; W, Western. Index numbers are consecutive from North to South in each division.

Columns 2

and 4. Stations are sometimes located several miles from the city or town for which named, and in a few cases are in a different county. See Index Map.

Column 3. The State is divided into eight basins and sub-basins as follows: North Platte, NP; South Platte, SP; Republican and Smoky Hill, REP; Arkansas, A; Rio Grande, R; San Juan, S; Colorado, C; and Green, G.

Column 6. Stations are divided into six groups by length of precipitation record, Column 3, Table II, to and including 1935 as follows: Group I, 40 years and over; II, 30 to 39 years; III, 20 to 29 years; IV, 10 to 19 years; V, 5 to 9 years; VI, under 5 years. Another grouping of 30 stations, selected from the first three groups to give a climatological pattern of the state, is indicated by the letter "L". See Index Map.

Columns 7

and 9. Years of either complete or partial record up to and including 1935.

Columns 8

and 10. Length of record to January 1, 1936. Where such records are shown in months they indicate that no complete year of record exists. The years indicated comprise all complete calendar years, and include, in some cases, a few months where the mean month was used to fill out an otherwise incomplete record, such insertions being indicated by notations. The years of record also comprise some scattered years not shown in column 3 of Table II. See notes, page 14.

\* Estimated by United States Weather Bureau.

† Stations established since December 30, 1935. (Exception N-65, Waterfall Ranch, established May, 1935). For length of record and data see Table IV.





## Types of United States Weather Bureau Stations.

### a. First-Order Station

Those at which local public offices are maintained with commissioned officials in charge and at which the principal activities of the Bureau are conducted under the supervision of the Chief of Bureau.

### b. Second-Order Station

Those maintained principally as weather-observation stations from which reports are dispatched (by telegraph, telephone, telotype, or radio) daily throughout the year, for use in the forecast and warning service of the Bureau. (Jurisdiction of Aerological of Forecast Division).

### c. Aerological Station

Those located at airports and to which commissioned personnel have been assigned or detailed for airway service under administrative supervision of near-by first-order stations. These stations are referred to as "Weather Bureau Airport Stations".

### Cooperative Stations (Covers all stations not noted a, b, or c).

Those at which observers receive no monetary compensation and which are maintained primarily for climatological purposes, where daily observations are made and recorded for publication in state climatological reports.



TABLE I

INDEX TO THE 371 COLORADO STATIONS  
OF THE UNITED STATES WEATHER BUREAU

Periods of records to Jan. 1, 1936.

See notes page 1.

Index No.	Station	Basin County	Elev- ation	Group	PRECIPITATION		TEMPERATURE	
					Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9
NE-70	Abbott	SP Washington	4,800	V	90-95	5 Yrs.	None	
NE-100	Agate	SP Elbert	5,457	VI	91-93	1 Yr.	89-93	29 Mos.
NE-47	Akron	REP Washington	4,650	IV	94-95			
					04-23	20 Yrs.	15-23	3 Yrs.
W -126	Alamosa	R Alamosa	7,531	VI	91-92		22-35	3
					06-08			
					32-35	4 Yrs.		
W -55	Alexander Lake	C Delta	10,000*	VI	98-99	6 Mos.	None	
NE-9	Alford	SP Larimer	6,318	V	00-06	5 Yrs.	00-07	4 Yrs.
NE-115	Alma	SP Park	10,238	IV	86-97			
					09-11	13 Yrs.	93-97	5 Yrs.
SE-34	Altman	A Teller	10,680	VI	1898	1 Yr.	1898	1 Yr.
W -99	Ames	C San Miguel	9,000	III	13-35	22 Yrs.	None	
W -102	Amethyst	R Mineral	8,730	VI	07-09	1 Yr.	07-09	1 Yr.
NE-16	Amherst	REP Phillips	3,685	VI	89-94	1 Yr.	None	
SE-63	Amity	A Prowers	3,416	VI	1901	6 Mos.	1901	6 Mos.
W -111	Antelope Spgs.	R Mineral	8,912	VI	05-07	1 Yr.	03-07	2 Yrs.
W -143	Antonito	R Conejos	7,888	VI	91-92	1 Yr.	91-92	12 Mos.
SE-79	Apishapa	A Las Animas	6,159	VI	89-92	2 Yrs.	89-92	2 Yrs.
W -144	Arboles	S Archuleta	6,013	VI	91-94	3 Yrs.	None	
NE-112	Arriba	REP Lincoln	5,243	II	06-18		06-18	
					28-35	20 Yrs.	28-35	20 Yrs.
NE-81	Army Hospital	SP Adams	5,280*	VI	1919	1 Mo.	1919	1 Mo.
W -49	Aspen	C Pitkin	7,931	V	88-91			
					99-00			
					14-19		14-19	
					34-35	6 Yrs.	34-35	6 Yrs.
SE-20	Aroya	A Cheyenne	4,563	VI	89-92	2 Yrs.	None	
W -58	Ashcroft	C Pitkin	9,483	III	01-23	22 Yrs.	02-23	21 Yrs.
NE-119	Auldhurst	SP Teller	8,500	III	09-35	21 Yrs.	None	
NE-72	Avoca	REP Yuma	4,300	VI	91-94	3 Yrs.	None	
W -33½	Avon Exp. Sta.	C Eagle	7,500					
NE-101½	Bailey	SP Park	7,733					
NE-68	Barker	SP Boulder	8,000	VI	07-09			
					17-19	2 Yrs.	None	
W -81	Bedrock	C Montrose	5,000*	VI	10-11	6 Mos.	None	
SE-49	Beaver Creek	A Fremont	4,100*	VI	1891	1 Yr.	None	
NE-75	Bennett	SP Adams	5,484	V	89-93			
					11-20	11 Yrs.	92-93	36 Mos.
W -127	Blanca	R Costilla	7,865	IV	09-17		09-16	
					25-30	13 Yrs.	25-30	9 Yrs.
SE-83½	Box Ranch	A Las Animas	4,600	VI				
NE-1½	Box Elder	SP Larimer	7,000	IV	89-05	15 Yrs.	None	





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Periods of records to Jan. 1, 1936.

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Index No.	Station	Basin County	Elevation	Group	PERIOD OF RECORD			
					First of Record	Length of Record	Last of Record	Period of Record
1	2	3	4	5	6	7	8	9
SE-69	Bloom	A Otero	4,900*	V	27-35	9 Yrs.	27-35	8 Yrs.
NE-62	Boulder	SP Boulder	5,347	I	93-35	43 Yrs.	93-35	59 Yrs.
W -41	Breckenridge	C Summit	9,534	III	89-13	24 Yrs.	89-13	24 Yrs.
NE-42	Brush	SP Morgan	4,247	VI	89-95	4 Yrs.	93-95	23 Mos.
SE-24	Buena Vista	A Cimarron	7,955	AI	99-35	37 Yrs.	05-35	31 Yrs.
W -23	Buford	G Rio Blanca	7,000*	VI	10-12	2 Yrs.	None	
NE-106	Burlington	REP Kit Carson	4,160	AI	88-35	45 Yrs.	04-35	32 Yrs.
NE-86	Byers	SP Arapahoe	5,200	V	89-93			
					95-96			
					19-22			
					31-35	12 Yrs.	31-35	5 Yrs.
SE-13	Calhan	A El Paso	6,508	AI	06-35	29 Yrs.	06-35	28 Yrs.
NE-29	Cameron Pass	NP Larimer-						
		Jackson	10,300*	VI	None		1896	3 Mos.
SE-89	Campo	A Baca	4,400*	VI	1914	6 Mos.	1914	6 Mos.
NE-12	Canadian	NP Jackson	8,000*	VI	17-19	5 Mos.	1913	3 Mos.
SE-44	Canon City	A Fremont	5,343	I	82-35	48 Yrs.	90-35	43 Yrs.
NE-66	Cardinal	SP Boulder	8,710	VI	05-06	10 Mos.	05-07	11 Mos.
W -101	Carson	C Hinsdale	10,000*	VI	91-92	13 Mos.	91-92	16 Mos.
W -114	Cascade	S San Juan	8,900	III	06-35	29 Yrs.	None	
NE-99	Cassells	SP Park	8,434	V	09-16	7 Yrs.	None	
NE-104	Castle Rock	SP Douglas	6,220	III	98-29	35 Yrs.	90-29	31 Yrs.
W -87	Cathedral	C Hinsdale	8,925	IV	18-34	17 Yrs.	18-34	17 Yrs.
W -62	Cedaredge	C Delta	6,175	II	91-03			
					11-35	32 Yrs.	91-35	32 Yrs.
NE-117	Cheesman	SP Jefferson	6,890	AI	02-35	33 Yrs.	02-35	33 Yrs.
SE-18	Cheyenne Wells	REP Cheyenne	4,279	AI	80-35	42 Yrs.	80-35	40 Yrs.
W -145	Chromo	S Archuleta	7,500	V	06-12	6 Yrs.	06-12	5 Yrs.
W -82	Cochetopa	C Saguache	9,088	V	09-16	7 Yrs.	None	
W -48	Collbran	C Mesa	6,000*	AI	92-35	44 Yrs.	01-35	35 Yrs.
SE-26	Colorado Spgs.	A El Paso	6,098	I	71-35	55 Yrs.	71-35	55 Yrs.
W -1	Columbine	G Routt	8,766	III	09-35	26 Yrs.	None	
W -56	Columbine Ranch	C Delta	6,915	III	09-35	25 Yrs.	None	
NE-107	Como	SP Park	9,785	V	86-94			
					09-10	9 Yrs.	85-94	10 Yrs.
W -142	Conejos	R Conejos	7,880	VI	04-05	1 Yr.	04-05	1 Yr.
NE-90	Cope	REP Washington	5,000*	II	90-12		92-01	
					22-35	36 Yrs.	06-14	15 Yrs.
W -26	Corona	C Grand	11,660	V	07-12			
					1913			
					25-27	6 Yrs.	07-13	6 Yrs.
W -131	Cortez	S Montezuma	6,500*	V	30-35	6 Yrs.	30-35	6 Yrs.
W -6	Craig	G Moffat	6,175	VI	94-96			
					10-13	36 Mos.	10-12	22 Mos.
W -68	Crawford	C Delta	6,600	IV	09-22	13 Yrs.	09-22	13 Yrs.



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Index No.	Station	Basin County		Elevation	Group	PRECIPITATION		TEMPERATURE	
						Vrs. of Record	Length Record	Vrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
W -64	Crested Butte	C Gunnison		8,867	III	09-35	26 Yrs.	10-35	26 Yrs.
SE-33	Cripple Creek	A Teller		9,396	IV	96-00			
						03-18	17 Yrs.	96-00	1 Yr.
NE-8	Crook	SP Logan		3,695	V	90-01	9 Yrs.	90-01	6 Yrs.
SE-82	Cuchara Camps	A Huerfano		8,200	III	09-35	27 Yrs.	None	
W -146	Cumbres	R Conejos		10,015	A III	89-93			
						09-35	28 Yrs.	91-93	2 Yrs.
W -45	De Beque	C Mesa		4,935	VI	10-12	19 Mos.	10-12	21 Mos.
NE-93	Deertrail	SP Arapahoe		5,183	VI	90-93			
						1895	3 Yrs.	89-96	4 Yrs.
SE-73	Delhi	A Las Animas		5,000*	VI	1923	4 Mos.	1923	4 Mos.
W -67	Delta	C Delta		4,965	I	88-35	48 Yrs.	88-35	46 Yrs.
W -115	Del Norte	R Rio Grande		7,868	IV	89-93		89-93	
						19-35	14 Yrs.	19-35	13 Yr.
NE-79	Denver Airport	SP Denver		5,280	VI	34-35	1 Yr.	34-35	1 Yr.
a NE-76	Denver	SP Denver		5,280	A I	72-35	64 Yrs.	72-35	64 Yrs.
W -32	Dillon	C Summit		8,800	A III	91-93			
						09-35	28 Yrs.	10-35	26 Yrs.
SE-9	Divide Exp.Sta.	A El Paso		6,960	V	89-95	7 Yrs.	None	
NE-108	Dolly Varden Mine	SP Park		11,500*	VI	88-89	1 Yr.	88-89	1 Yr.
W -119	Dolores	C Montezuma		6,445	IV	08-11		09-11	
						16-28	12 Yrs.	16-28	11 Yrs.
W -107	Dove Creek	S Dolores		6,700*	V	16-22	5 Yrs.	None	
NE-111	Dudley	SP Park		10,500	VI	None		77-78	1 Yr.
NE-83	Dumont	SP Clear Creek		8,000	IV	91-01	11 Yrs.	93-97	4 Yrs.
W -11	Dunkley	G Routt		7,400	VI	06-09	2 Yrs.	06-09	3 Yrs.
c W -135	Durango	S La Plata		6,534	A I	1836			
						89-90			
						94-35	42 Yrs.	95-35	41 Yrs.
SE-42	Eads	A Kiowa		4,209	IV	07-35	23 Yrs.	07-35	23 Yrs.
W -33	Eagle	C Eagle		6,598	V	04-10	6 Yrs.	04-10	6 Yrs.
SE-57	Eagle Farm	A Pueblo		4,800	VI	89-91	1 Yr.	None	
W -147	Eastdale	R Costilla		7,800*	VI	91-95	1 Yr.	None	
NE-88	Echo Lake	SP Clear Cr.		11,600*	V	26-31	6 Yrs.	25-31	6 Yrs.
NE-78	Edgewater	SP Jefferson		5,450	III	02-35	27 Yrs.	02-35	28 Yrs.
NE-94½	Elk Creek	SP Jefferson		8,144	IV	19-32	13 Yrs.	19-32	13 Yrs.
NE-15	Elkhorn	SP Larimer		7,300	VI	89-91	17 Mos.	None	
SE-27	Ellicott	A El Paso		6,000	VI	1917	1 Yr.	None	
NE-36	Estes Park	SP Larimer		8,000	III	09-35	26 Yrs.	16-35	20 Yrs.
W -98	Eureka	S San Juan		10,000	V	07-15	8 Yrs.	None	
NE-116	Fairplay	SP Park		10,000	VI	17&19	2 Yrs.	17&20	2 Yrs.
NE-102	Fairview	SP Park		7,725	VI	98-01	1 Yr.	98-01	1 Yr.
SE-66	Fairview	A Custer		9,500	V	09-16	6 Yrs.	None	
SE-19	Firstview	REP Cheyenne		4,580	VI	89-96	4 Yrs.	89-96	4 Yrs.
NE-113	Flagler	REP Kit Carson		4,920	V	19-28	8 Yrs.	19-28	8 Yrs.
W -24	Flebbe Ranch	C Grand		8,000	VI	19-23	4 Yrs.	18-23	4 Yrs.
NE-18	Fleming	REP Logan		4,235	VI	94-98	4 Yrs.	None	







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						Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
SE-47	Florence	A Fremont		5,190	VI	09-10			
						1914	2 Yrs.	09-10	1 Yr.
NE-26	Ft. Collins	SP Larimer		4,985	A I	73-35	55 Yrs.	80-35	49 Yrs.
W -79	Ft. Crawford	C Montrose		5,795	VI	89-90	1 Yr.	89-90	1 Yr.
W -128	Ft. Garland	R Costilla		7,937	III	58-63			
						67-83	22 Yrs.	58-83	22 Yrs.
W -136	Ft. Lewis	S La Plata		7,610	II	80-91			
						1909		80-91	
						11-35	34 Yrs.	17-35	28 Yrs.
NE-92	Ft. Logan	SP Arapahoe		5,394	VI	91-92	1 Yr.	91-92	1 Yr.
NE-56	Ft. Lupton	SP Weld		4,987	III	10-35	25 Yrs.	19-35	17 Yrs.
W -118	Ft. Massachusetts	R Costilla		8,365	V	52-58	6 Yrs.	52-58	6 Yrs.
NE-43	Ft. Morgan	SP Morgan		4,319	A I	67-68			
						88-35	47 Yrs.	67-35	38 Yrs.
SE-52	Ft. Reynolds	A Pueblo		4,300	VI	68-72	3 Yrs.	68-72	3 Yrs.
SE-38	Fountain	A El Paso		5,568	VI	71-75	1 Yr.	71-75	30 Mos.
SE-56	Fowler	A Otero		4,330	VI	05-07	2 Yrs.	None	
NE-89	Fox	REP Yuma		4,000*	IV	90-05	15 Yrs.	02-05	4 Yrs.
NE-53	Frances	SP Boulder		9,300	III	90-18	29 Yrs.	05-18	13 Yrs.
W -25	Fraser	C Grand		8,560	AIII	89-90			
						10-35	26 Yrs.	10-35	26 Yrs.
SE-23	Fremont Exp.Sta.	A El Paso		8,350	III	10-35	26 Yrs.	10-35	26 Yrs.
W -50	Fruita	C Mesa		4,590	II	89-93		89-93	
						02-35	36 Yrs.	02-35	33 Yrs.
W -42	Fulford	C Eagle		10,000*	VI	1917	June only	1917	June only
SE-39	Garfield	A Chaffee		9,500	III	09-33	25 Yrs.	None	
W -112	Garnett	R Alamosa		7,576	I	91-35	45 Yrs.	97-35	36 Yrs.
NE-85	Georgetown	SP Clear Cr.		8,550	IV	78-79		78-79	
						86-93		86-93	
						08-22	19 Yrs.	98-00	8 Yrs.
W -39	Gilman	C Eagle		8,700*	V	99-04	6 Yrs.	None	
W -59	Glade Park	C Mesa		7,000	V	10-18	8 Yrs.	None	
W -97	Gladstone	S San Juan		10,400	IV	06-17	12 Yrs.	None	
NE-95	Glen	SP Washington		5,000*	VI	16-17	1 Yr.	None	
NE-10	Glendevey	NE Larimer		8,000*	VI	17-19	7 Mos.	17-19	10 Mos.
SE-25	Glen Eyrie	A El Paso		6,500	IV	91-10	19 Yrs.	91-10	17 Yrs.
W -38	Glenwood Spgs.	C Garfield		5,823	AII	88-90		88-90	
						93-94		93-94	
						99-35	35 Yrs.	02-35	34 Yrs.
NE-77	Golden	SP Jefferson		5,993	VI	1860		1860	
						71-77		71-77	
						83-87		83-87	
						1895		1895	
						15-16	4 Yrs.	1895	1 Yr.



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Index No.	Station	Basin County		Elevation	Group	PRECIPITATION		TEMPERATURE	
						Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
NE-57	Gold Hill	SP	Boulder	8,630	V	91-97	7 Yrs.	93-97	4 Yrs.
SE-59	Goodpasture	A	Pueblo	6,120	V	17-26	7 Yrs.	17-20	
								22-26	7 Yrs.
W -61	Gothic	C	Gunnison	9,474	VI	06-07	1 Yr.	06-07	1 Yr.
SE-62	Granada	A	Prowers	3,479	VI	91-92	7 Mos.	None	
a W -54	Grand Junction	C	Mesa	4,602	A I	85-88		85-88	
						92-35	44 Yrs.	92-35	44 Yrs.
W -13	Grand Lake	C	Grand	8,153	IV	07-21	12 Yrs.	None	
W -43	Grand Valley	C	Garfield	5,089	III	89-13	24 Yrs.	91-14	22 Yrs.
NE-33	Greeley	SP	Weld	4,649	I	87-35	48 Yrs.	87-35	41 Yrs.
SE-67	Greenhorn	A	Pueblo	5,850	VI	90-94	3 Yrs.	91-94	2 Yrs.
NE-7	Grover	SP	Weld	5,076	III	91-93			
						97-98			
						00-07		92-93	
						10-35	33 Yrs.	10-35	24 Yrs.
c W -3 $\frac{1}{2}$	Greystone	G	Moffat	6,000	VI				
W -44	Gulch	C	Pitkin	8,500	VI	94-98	3 Yrs.	95-98	2 Yrs.
W -71	Gunnison	C	Gunnison	7,670	A I	88-90			
						93-35	43 Yrs.	94-35	42 Yrs.
W -34	Gypsum	C	Eagle	6,325	VI	1894			
						99-00	9 Mos.	None	
W -2	Hahns Peak	G	Routt	8,175	VI	05-08	1 Yr.	05-08	1 Yr.
NE-96	Halls Gulch	SP	Park	12,000	VI	04-05	1 Yr.	1905	1 Yr.
SE-10	Hamps	A	Elbert	5,400*	III	92-19	28 Yrs.	93-19	27 Yrs.
NE-39	Hardin	SP	Weld	4,525	VI	89-90	1 Yr.	None	
NE-120	Hartsel	SP	Park	8,900	III	09-35	27 Yrs.	None	
SE-46	Haswell	A	Kiowa	4,528	IV	22-35	14 Yrs.	None	
NE-71	Hawthorne	SP	Boulder	6,000	III	08-35	27 Yrs.	None	
NE-20	Haxtun	REP	Phillips	4,033	IV	19-35	17 Yrs.	None	
W -7	Hayden	G	Routt	6,337	V	1909		1909	
						13-17		13-17	
						20-35	17 Yrs.	20-35	15 Yrs.
W -103	Hermit	R	Mineral	9,843	AIII	10-35	26 Yrs.	12-35	24 Yrs.
SE-57 $\frac{1}{2}$	Hermit Lake	A	Custer	10,000	VI	09-14	4 Yrs.	None	
W -124	Hermosa	S	La Plata	6,633	V	75-82	6 Yrs.	75-82	5 Yrs.
c SE-84	Hoehne	A	Las Animas	5,721	III	91-18	27 Yrs.	91-18	27 Yrs.
SE-64	Holly	A	Prowers	3,380	I	94-35	42 Yrs.	99-35	36 Yrs.
NE-22	Holyoke	REP	Phillips	3,745	I	88-20		98-09	
						27-35	40 Yrs.	16-20	
								27-35	21 Yrs.
W -84	Horsefly	C	Montrose	8,700	V	09-14	5 Yrs.	None	
W -16	Hot Sulphur Spgs.	C	Grand	7,665	VI	74-76	1 Yr.	95-97	1 Yr.
SE 31 $\frac{1}{2}$	Howbert	A	Park	5,500*	VI	25-29	3 Yrs.	None	







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1	2	3	4	5	6	7	8	9	10
NE-65	Hoyt	SP	Morgan	4,800	V	14-23	8 Yrs.	None	
SE-68	Huerfano	A	Huerfano	6,010	IV	17-33	17 Yrs.	17-33	17 Yrs.
SE-7	Hugo	A	Lincoln	4,970	VI	91-93			
						95-01	6 Yrs.	91-96	6 Yrs.
SE-15	Husted	A	El Paso	6,596	IV	86-04	19 Yrs.	86-04	16 Yrs.
NE-94	Hutchison	SP	Jefferson	8,000*	VI	1875	1 Yr.	1875	1 Yr.
NE-84	Idaho Springs	SP	Clear Cr.	7,543	A I	86-91		86-94	
						05-35	45 Yrs.	05-35	33 Yrs.
W -141	Ignacio	S	La Plata	6,425	III	1909			
						14-35	22 Yrs.	14-35	22 Yrs.
W -92	Iron-ton	C	Ouray	9,800	IV	09-19	10 Yrs.	None	
NE-49	Jamestown	SP	Boulder	7,123	VI	95-96	9 Mos.	1895	4 Mos.
NE-103	Jefferson	SP	Park	9,500	VI	91-92	17 Mos.	91-92	17 Mos.
NE-2	Julesburg	SP	Sedgwick	3,465	III	88-95		93-96	
						12-35	32 Yrs.	17-35	22 Yrs.
NE-97	Kassler	SP	Jefferson	5,942	II	98-35	37 Yrs.	14-35	22 Yrs.
NE-3 <sup>1</sup> / <sub>2</sub>	Kauffman	SP	Weld		VI				
NE-17	Keota	SP	Weld	4,966	VI	10-12	1 Yr.	None	
NE-35	Kersey	SP	Weld	4,571	VI	12-14	3 Yrs.	None	
NE-105 <sup>1</sup> / <sub>2</sub>	Kiowa	SP	Elbert	6,200	VI				
SE-32	Kit Carson	A	Cheyenne	4,284	VI	89-96	5 Yrs.	89-96	4 Yrs.
NE-63	Kossler	SP	Boulder	7,720	VI	07-10	1 Yr.	None	
W -18	Kremmling	C	Grand	7,322	VI	07-10	2 Yrs.	07-10	2 Yrs.
W -3	Ladora	G	Moffat	5,600*	VI	11-12	1 Yr.	None	
NE-55	Laird	REP	Yuma	3,404	VI	90-91	5 Mos.	None	
W -133	La Jara	R	Conejos	7,609	V	92-96	5 Yrs.	92-96	3 Yrs.
SE-65	La Junta	A	Otero	4,052	IV	10-29	17 Yrs.	None	
W -90	Lake City	C	Hinsdale	8,686	V	05-16	9 Yrs.	05-15	9 Yrs.
SE-31	Lake Moraine	A	El Paso	10,265	A I	94-35	41 Yrs.	94-35	42 Yrs.
SE-58	Lamar	A	Prowers	3,592	I	89-35	47 Yrs.	89-35	47 Yrs.
NE-25	La Porte	SP	Larimer	5,053	II	89-25	37 Yrs.	None	
SE-61	Las Animas	A	Bent	3,899	A I	62-63		62-63	
						67-35	69 Yrs.	67-35	69 Yrs.
SE-74	La Veta Pass	A	Costilla	9,242	AIII	09-35	27 Yrs.	None	
W -100	Lavender	C	Dolores	7,091	VI	91-94	2 Yrs.	93-94	1 Yr.
W -5	Lay	G	Moffat	6,172	A I	90-35	46 Yrs.	92-97	
								99-35	42 Yrs.
SE-5	Leadville	A	Lake	10,248	A I	88-91		88-91	
						96-35	42 Yrs.	95-01	
								03-04	
								08-35	35 Yrs.
W -29	Leal	C	Grand	8,750	VI	1910	7 Mos.	None	
NE-28	Le Roy	REP	Logan	4,380	I	89-35	47 Yrs.	89-10	
								15-35	41 Yrs.



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Index No.	Station	Basin County		Elevation	Group	PRECIPITATION		TEMPERATURE	
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1	2	3	4	5	6	7	8	9	10
NE-34	Leslie	REP	Washington	4,400*	VI	91-94	4 Yrs.	None	
W -115 $\frac{1}{2}$	Lime Creek	S	San Juan	9,470*	VI	05-07	3 Mos.	None	
SE-4	Limon	A	Elbert	5,360	III	07-27		07-27	
						29-35	27 Yrs.	30-35	26 Yrs.
NE-13	Livermore	SP	Larimer	5,400*	VI	89-93	4 Yrs.	91-93	2 Yrs.
SE-17	Long Branch	A	Lincoln	5,220	IV	20-35	16 Yrs.	20-35	16 Yrs.
W -46	Lonesome	C	Mesa	8,000*	VI	None		17-18	10 Mos.
NE-48	Longmont	SP	Boulder	4,950	III	87-93			
						95-97		86-97	
						09-35	33 Yrs.	09-35	29 Yrs.
NE-44	Longs Peak	SP	Larimer	8,600	A I	95-35	41 Yrs.	95-35	40 Yrs.
W -20	Lost Creek	G	Rio Blanca	7,600	VI	17-19	25 Mos.	17-19	1 Yr.
NE-38	Loveland	SP	Larimer	4,970	V	87-89			
						91-99	6 Yrs.	None	
W -74	Lujane	C	Montrose	6,620	V	06-10	5 Yrs.	06-10	3 Yrs.
W -9	Lulu Pass	C	Grand	11,000*	VI	10-11	5 Mos.	None	
SE-88	Madrid	A	Las Animas	6,364	IV	10-23	13 Yrs.	None	
NE-64	Magnolia	SP	Boulder	7,500	VI	91-92	12 Mos.	89-92	23 Mos.
W -140	Manassa	R	Conejos	7,700	III	06-35	30 Yrs.	06-35	30 Yrs.
W -130	Mancos	S	Montezuma	6,960	III	99-19	22 Yrs.	99-19	21 Yrs.
NE-14	Manhattan	SP	Larimer	7,400*	V	91-96	5 Yrs.	None	
W -57	Marble	C	Gunnison	7,951	V	09-17	8 Yrs.	09-17	8 Yrs.
SE-68 $\frac{1}{2}$	Malachite Ranger Station	A	Huerfano	7,200	VI				
SE-48	Marshall Pass	A	Saguache	10,846	IV	99-05		None	
						09-16	12 Yrs.		
SE-76	Maxey	A	Baca	4,675	VI	13-14	1 Yr.	None	
SE-54	McClave	A	Bent	3,800*	VI	19-23	11 Mos.	None	
W -27	McCoy	C	Eagle	7,210	VI	93-94	11 Mos.	None	
W -22	Meeker	G	Rio Blanca	6,182	A I	91-27		91-27	
						31-35	41 Yrs.	31-35	40 Yrs.
NE-30	Merino	SP	Logan	4,033	VI	12-15	2 Yrs.	None	
W -137	Mesa Verde	S	Montezuma	6,930	IV	22-35	13 Yrs.	22-35	14 Yrs.
W -116	Monte Vista	R	Rio Grande	7,665	V	86-96	9 Yrs.	86-96	6 Yrs.
W -75	Montrose	C	Montrose	5,811	A I	85-93		85-93	
						95-97		96-97	
						99-35	47 Yrs.	04-35	41 Yrs.
SE-11	Monument	A	El Paso	7,200*	III	89-96		92-96	
						11-35	28 Yrs.	11-35	31 Yrs.
NE-40	Moraine	SP	Larimer	7,775	III	89-16	25 Yrs.	89-15	22 Yrs.
NE-91	Morrison	SP	Jefferson	5,766	V	20-28	8 Yrs.	1890	3 Mos.
W -47	Nast	C	Pitkin	8,800	III	09-18		09-18	
						20-34	21 Yrs.	20-34	20 Yrs.







TABLE I (Continued)

Periods of records to Jan. 1, 1936.

See notes page 1.

Index No.	Station	Basin	County	Elevation	Group	PRECIPITATION		TEMPERATURE	
						Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
NE-67	Nederland	SP	Boulder	8,200	VI	1907	6 Mos.	None	
W -106	Northdale	S	Dolores	6,482	V	30-35	5 Yrs.	30-35	5 Yrs.
SE-85	North Lake	A	Las Animas	8,700	I	89-35	40 Yrs.	93-07	15 Yrs.
W -86	Norwood	C	San Miguel	7,017	V	24-35	8 Yrs.	24-35	8 Yrs.
NE-41	Orchard	SP	Morgan	4,403	VI	92-93	5 Mos.	92-03	8 Mos.
SE-53	Ordway	A	Crowley	4,300	IV	15-35	17 Yrs.	None	
SE-6	Oro	A	Lake	11,000*	VI	11-12	5 Mos.	None	
W -91	Ouray	C	Ouray	7,721	VI	88-89			
						93-96			
						14-15	1 Yr.	93-96	1 Yr.
W -10	Pagoda	G	Routt	6,500	III	91-12	21 Yrs.	91-12	21 Yrs.
W -134	Pagosa Springs	S	Archuleta	7,108	IV	07-16	10 Yrs.	07-16	10 Yrs.
W -123	Pagosa Spgs, New	S	Mineral	9,479	V	29-32		29-32	
						34-35	6 Yrs.	34-35	5 Yrs.
W -52	Palisade	C	Mesa	4,729	III	11-35	23 Yrs.	11-35	25 Yrs.
W -122	Palisade Lake	S	Hinsdale	9,230	IV	17-28	10 Yrs.	17-28	10 Yrs.
SE-8	Palmer Lake	A	El Paso	7,226	VI	89-91			
						99-00	1 Yr.	87-91	1 Yr.
W -96	Pandora	C	San Miguel	8,700	VI	None		86-88	21 Mos.
NE-21	Paoli	REP	Phillips	3,850*	VI	88-89	1 Yr.	88-39	1 Yr.
W -63	Faonia	C	Delta	5,694	A I	92-98			
						00-35	43 Yrs.	00-35	34 Yrs.
W -77	Paradox	C	Montrose	4,600*	VI	91-92	12 Mos.	None	
NE-98	Parker	SP	Douglas	5,950*	V	22-26			
						30-35	5 Yrs.	30-35	5 Yrs.
W -17	Parshall	C	Grand	8,700	VI	09-12	1 Yr.	None	
NE-1	Pearl	NP	Jackson	8,500	IV	10-16			
						27-35	13 Yrs.	28-35	7 Yrs.
NE-3	Peetz	SP	Logan	4,200	IV	15-30	15 Yrs.	None	
SE-45	Penrose	A	Fremont	5,530	IV	24-35	12 Yrs.	None	
NE-114	Perry Park	SP	Douglas	6,200	VI	98-02	2 Yrs.	None	
SE-14	Peyton	A	El Paso	6,789	VI	88-90	22 Mos.	None	
SE-29	Pikes Peak	A	El Paso	14,111	IV	73-88		74-88	
						92-94	16 Yrs.	92-94	15 Yrs.
W -30	Piney	C	Eagle	7,500*	VI	17-19	13 Mos.	17-19	13 Mos.
NE-4	Pinkhampton	NP	Jackson	8,400	VI	95-97			
						1890	3 Yrs.	96-97	1 Yr.
W -69	Pitkin	C	Gunnison	9,180	III	09-35	27 Yrs.	None	
W -132	Platoro	R	Conejos	9,675	V	89-92			
						10-22	9 Yrs.	None	
NE-46	Platteville	SP	Weld	4,820	VI	88-89	12 Mos.	None	
W -53	Pomona	C	Mesa	4,600*	VI	None		20-21	16 Mos.
SE-50	Pueblo	A	Pueblo	4,734	A I	69-78			
						84-35	62 Yrs.	88-35	47 Yrs.
W -14	Pyramid	G	Rio Blanca	8,000	V	10-12		11-12	
						18-28	8 Yrs.	20-27	6 Yrs.
W -21	Rangely	G	Rio Blanca	5,050	IV	94-04		94-04	
						06-12	13 Yrs.	06-12	8 Yrs.



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Periods of records to Jan. 1, 1936.

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Index No.	Station	Basin	County	Elev- ation	Group	PRECIPITATION		TEMPERATURE	
						Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
W -40	Redcliff	C	Eagle	8,608	IV	88-98			
						09-16	18 Yrs.	None	
W -70	Redlands	C	Mesa	9,000*	VI	20-21	15 Mos.	18-21	2 Yrs.
W -95	Red Mountain	C	Ouray	10,500	VI	06-07	4 Mos.	None	
W -85	Redvale	C	Montrose	6,300	IV	12-22	10 Yrs.	14-22	8 Yrs.
W -113	Rico	C	Dolores	8,824	III	91-98		91-92	
						10-35	34 Yrs.	96-98	3 Yrs.
W -37	Rifle	C	Garfield	5,437	IV	10-24		94-08	
						1926		09-26	
						29-35	19 Yrs.	29-35	34 Yrs.
W -31	Rifle Falls	C	Garfield	5,418	VI	89-91	1 Yr.	88-89	1 Yr.
SE-3	River Bend	A	Elbert	5,497	VI	92-93		89-91	
						95-96	1 Yr.	93-96	3 Yrs.
W -73	River Portal	C	Montrose	6,570	IV	06-16	10 Yrs.	06-17	10 Yrs.
NE-51	Robb	REP	Yuma	3,749	VI	91-93	1 Yr.	91-93	1 Yr.
SE-60	Rocky Ford	A	Otero	4,177	I	88-35	47 Yrs.	88-35	47 Yrs.
W -66	Rogers Mesa	C	Delta	5,500	VI	00-04	5 Yrs.	None	
W -65	Ruby	C	Gunnison	9,850	V	94-04	8 Yrs.	None	
NE-23	Rughs Ranch (Fry)	SP	Larimer	7,500*	III	09-29	21 Yrs.	09-29	21 Yrs.
SE-28	Rush	A	El Paso	5,800	IV	24-35	12 Yrs.	None	
W -117	Russell	R	Costilla	8,500*	VI	01-03	1 Yr.	01-03	1 Yr.
W -88	Saguache	R	Saguache	7,740	III	86-89		86-89	
						94-35	33 Yrs.	94-35	35 Yrs.
NE-6	St. Cloud	SP	Larimer	7,750	IV	91-97			
						10-13	10 Yrs.	None	
SE-35	St. Elmo	A	Chaffee	9,500	IV	09-21	13 Yrs.	None	
SE-40	Salida	A	Chaffee	7,035	III	86-87			
						97-22		98-22	
						31-35	29 Yrs.	31-35	28 Yrs.
W -138	San Acacio	R	Costilla	8,400*	VI	91-93	9 Mos.	None	
SE-37	Sanborn	A	Lincoln	5,300*	VI	90-94	3 Yrs.	None	
W -108	San Juan	R	Mineral	8,900*	VI	(See Hermit)			
W -139	San Luis	R	Costilla	7,794	II	91-23	32 Yrs.	91-23	31 Yrs.
SE-77	Santa Clara	A	Huerfano	8,250	IV	94-12	18 Yrs.	95-12	17 Yrs.
W -76	Sapinero	C	Gunnison	8,125	II	89-35	33 Yrs.	04-35	30 Yrs.
W -78	Sargents	C	Saguache	8,467	VI	99-01	1 Yr.	None	
W -94	Savage Basin	C	San Miguel	11,522	IV	14-31	17 Yrs.	None	
SE-41½	Savage Ranch	A	Lincoln	4,500	VI	32-35	3 Yrs.	None	
NE-5	Sedgwick	SP	Sedgwick	3,539	IIII	1891,			
						08-35	24 Yrs.	08-35	24 Yrs.
SE-78	Scissors	A	Las Animas	8,200*	VI	92-96	1 Yr.	None	
SE-71	Seguro	A	Huerfano	9,000	VI	93-99	12 Mos.	None	
SE-110	Seibert	REP	Kit Carson	4,705	IV	92-02	11 Yrs.	None	
W -43	Sheridan Lake	A	Kiowa	4,065	IV	90-93		91-92	
						04-11	12 Yrs.	04-11	7 Yrs.



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Periods of records to Jan. 1, 1936.						See notes page 1			
Index No.	Station	Basin County		Elevation	Group	PRECIPITATION		TEMPERATURE	
						Yrs. of Record	Length of Record	Yrs. of Record	Length of Record
1	2	3	4	5	6	7	8	9	10
NE-11	Sherwood Ranch	NP	Larimer	8,000	VI	1898	1 Mo.	96-97	1 Yr.
NE-87	Sill Mine	SP	Clear Cr.	11,500	VI	09-12	1 Yr.	09-12	1 Yr.
W -35	Shoshone	C	Garfield	6,110	III	10-35	26 Yrs.	10-14	5 Yrs.
W -36	Silt (Old Antlers)	C	Garfield	5,441	IV	95-07			
						1909	11 Yrs.	94-07	11 Yrs.
W -104	Silverton	S	San Juan	9,400	AIII	06-35	29 Yrs.	06-35	29 Yrs.
NE-59	Silver Lake	SP	Boulder	10,500	III	10-35	25 Yrs.	13-14	6 Mos.
NE-74	Simpson	SP	Washington	4,800	IV	16-30	14 Yrs.	None	
NE-61	Smoky Hill Mine	SP	Boulder	7,800	IV	89-05	16 Yrs.	91-05	15 Yrs.
NE-32	Spicer	NP	Jackson	8,700	AIII	19-35	26 Yrs.	12-35	24 Yrs.
NE-121	Spinney	SP	Park	8,652*	VI	1900	2 Mos.	1900	2 Mos.
SE-80	Springfield	A	Baca	4,600	III	88-01			
						15-19			
						21-35	30 Yrs.	None	
W -28	Spruce Lodge	C	Grand	9,600	V	08-17	9 Yrs.	None	
W -8	Steamboat Spgs.	G	Routt	6,683	AIII	91-98		91-98	
						09-35	32 Yrs.	09-35	26 Yrs.
NE-24	Sterling	SP	Logan	3,934	III	09-35	26 Yrs.	09-35	26 Yrs.
NE-109	Stratton	REP	Kit Carson	4,404	VI	34-35	1 Yr.	34-35	1 Yr.
SE-87	Stonewall	A	Las Animas	8,000	IV	05-17	10 Yrs.	None	
SE-30	Strickler Tunnel	A	El Paso	11,000*	VI	97-00	2 Yrs.	None	
SE-51	Sugar City	A	Crowley	4,250	VI	05-06	2 Yrs.	None	
W -19	Sulphur Springs	C	Grand	7,665	VI	74-76		74-76	
						95-97	2 Yrs.	95-97	2 Yrs.
W -125	Summit	R	Rio Grande	11,300	VI	76-80	2 Yrs.	77-79	2 Yrs.
W -4	Sunbeam	G	Moffat	6,000*	VI	27-35	9 Yrs.	27-35	9 Yrs.
NE-58	Sunshine	SP	Boulder	7,200*	VI	1897	2 Mos.	1897	2 Mos.
NE-60	Sunnyside	SP	Boulder	8,970*	VI	93-95	2 Yrs.	93-95	2 Yrs.
W -121	Tacoma	S	La Plata	7,300	III	06-31	25 Yrs.	06-10	5 Yrs.
NE-118	Tarryall	SP	Park	8,500*	VI	1909	4 Mos.	None	
W -93	Telluride	C	San Miguel	8,756	III	00-03		01-04	
						11-35	25 Yrs.	11-35	25 Yrs.
SE-2	Tennessee Pass	A	Lake	10,427	VI	99-02	1 Yr.	None	
W -120	Terminal Dam	S	La Plata	8,300	III	06-31	25 Yrs.	None	
NE-105	Thon	SP	Elbert	6,834	IV	38-97	10 Yrs.	88-97	8 Yrs.
SE-86	Trinidad	A	Las Animas	5,994	AII	77-81		86-08	
						98-35	38 Yrs.	11-35	35 Yrs.
W -60	T S Ranch	C	Mesa	5,200	IV	87-01	15 Yrs.	87-01	15 Yrs.
W -105	Trout Lake	C	San Miguel	9,800	III	13-35	22 Yrs.	None	
SE-12	Twin Lakes	A	Lake	9,012	IV	90-97			
						99-03	11 Yrs.	None	
SE-75	Two Buttes	A	Baca	4,250	AII	87-19		92-19	
						21-35	40 Yrs.	21-35	35 Yrs.
SE-72 $\frac{1}{2}$	Two Buttes Res.	A	Baca	4,250	IV	12-23	10 Yrs.	None	
W -80	Uncompahgre	C	Montrose	6,300*	VI	09-12	29 Mos.	None	

Name		Address		Occupation		Religion		Political Party		Social Status		Other	
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Index No.	Station	Basin County		Elevation	Group	PRECIPITATION		TEMPERATURE	
						Yrs. of Record	Length Record	Yrs. of Record	Length Record
1	2	3	4	5	6	7	8	9	10
W -51	Upper Palisade	C Mesa		4,750*	VI	None		18-20	3 Yrs.
SE-83	Utleyville	A Las Animas		5,000	IV	20-35	16 Yrs.	None	
W -129	Vallecito	S La Plata		7,640*	VI	17-18	17 Mos.	17-18	17 Mos.
NE-69	Vernon	REP Yuma		4,000*	VI	94-95	16 Mos.	94-95	16 Mos.
SE-36	Victor	A Teller		10,100	III	04-30	27 Yrs.	04-30	27 Yrs.
SE-81	Vilas	A Baca		4,155	III	89-13	23 Yrs.	None	
W -83	Villa Grove	R Saguache		7,962	VI	89-93	1 Yr.	1891	2 Mos.
W -110	Wagon Wheel Gap								
	Exp. Station	R Mineral		9,610	IV	10-26	16 Yrs.	10-26	16 Yrs.
W -109	Wagon Wheel Gap								
	River Valley	R Mineral		8,434	IV	98-10		98-10	
						15-20	17 Yrs.	15-20	13 Yrs.
NE-19	Walden	NP Jackson		8,050	V	87-89		87-89	
						97-05	7 Yrs.	97-05	5 Yrs.
NE-101	Wallet	REP Kit Carson		4,000	IV	93-04	12 Yrs.	None	
SE-72	Walsenburg	A Huerfano		6,200*	VI	34-35	1 Yr.	34-35	1 Yr.
NE-52	Ward	SP Boulder		9,230	VI	91-94	1 Yr.	None	
SE-90	Watervale	A Las Animas		6,000*	VI	90-92	1 Yr.	None	
NE-37	Waterdale	SP Larimer		5,206	I	95-35	41 Yrs.	02-35	33 Yrs.
W -65 $\frac{1}{2}$	Waterfall Ranch	C Mesa		7,500	VI	1935	1 Yr.	None	
NE-80	Watkins	SP Adams		5,523	VI	89-93			
						95-96	3 Yrs.	89-96	4 Yrs.
SE-55	Westcliffe	A Custer		7,864	III	86-87		86-87	
						89-91		89-91	
						95-22		95-22	
						32-35	29 Yrs.	32-35	28 Yrs.
NE-73	Westlake Ranch	SP Boulder		5,500	VI	08-10	19 Mos.	None	
W -72	Whitepine	C Gunnison		9,500	V	02-10	8 Yrs.	02-10	8 Yrs.
NE-45	Wiggins	SP Morgan		4,541	VI	14-18	4 Yrs.	14-18	4 Yrs.
SE-41	Wigwam	A El Paso		5,231	VI	88-90	1 Yr.	None	
SE-70	Wilde	A Prowers		4,000*	VI	92-93	2 Yrs.	None	
NE-27	Willard	SP Logan		4,200	V	15-24	8 Yrs.	None	
W -12	Willow Creek	G Routt		7,500*	V	30-35	5 Yrs.	30-35	1 Yr.
NE-31	Windsor	SP Weld		4,900	VI	1891	3 Mos.	None	
SE-16	Winfield	A Chaffee		9,765	VI	09-13	3 Yrs.	None	
SE-21	Woodmen								
	Sanatorium	A El Paso		6,500*	VI	11-15	4 Yrs.	11-15	4 Yrs.
SE-1	Wortman	A Lake		11,250	IV	38-95			
						09-19	18 Yrs.	None	
NE-54	Wray	REP Yuma		3,512	III	90-35	39 Yrs.	95-35	30 Yrs.
W -15	Yampa	G Routt		7,884	IV	09-19			
						21-23	11 Yrs.	None	
SE-22	Yoder	A El Paso		6,000	IV	11-16	6 Yrs.	None	
NE-50	Yuma	REP Yuma		4,138	I	90-35	46 Yrs.	None	





Column 1. Letters indicate division of state used by The United States Weather Bureau: NE, Northeastern; SE, Southeastern; W, Western. Index numbers are consecutive from north to south in each division.

Columns 3 and 10. Years of record indicated are those up to and including 1935, used to compute averages, columns 4 and 11, and 5-year moving averages for tables and graphs, pages 31 to 148. They do not include scattered years of record though, in many cases, do cover records for more than one block of years. Those using this and other tables included herewith, should bear in mind that the number of years shown in the above mentioned columns is directly indicative of the reliability of the figures shown throughout the table. A one, two or three year record indicates unreliable mean quantities, while values computed from records of much longer duration may be taken to represent quite accurately the mean precipitation, growing season, temperature, etc.

Columns 5 and 6. Extremes here noted are for the entire period of record regardless of whether such an extreme occurred during one of years indicated in column 3 or in the scattered years of record.

Column 7. The April-September precipitation here shown is indicative, generally speaking, of the amount of precipitation occurring within the growing season. This would not apply to areas where the bulk of the moisture is derived from snowfall.

Column 8. Maximum 24-hour precipitation at all co-operative stations indicates the maximum recorded precipitation in any 24-hours between periods of observation. Such values would not be the maximum 24-hour precipitation as obtained by an automatic recording gage, such as those at Denver, Pueblo and Grand Junction.

Column 12. Indicates the average of the daily maximum temperatures which occurred during June, July and August for the period of record.

Column 13. Indicates the average of the daily minimum temperatures which occurred during December, January and February for the period of record.

Column 14. The average length of growing season is equal to the average number of days between the last killing frost in the spring and the first killing frost in the fall.

Note: Columns 5, 6, 8, 9, 12, 13 and 14 are from data including 1937. Columns 3, 4, 7, 10 and 11 include 1935 only.

For 1936 and 1937 precipitation and temperature data, see Table IV, pages 149-151.



TABLE II

CLIMATOLOGICAL DATA  
FOR ALL UNITED STATES WEATHER BUREAU STATIONS IN COLORADO

By Eight Major Basin Divisions

Index Station No.		P R E C I P I T A T I O N										T E M P E R A T U R E										Average Length of Growing Season (Days)
		Years :Average:Maximum:Minimum:Apr-Sept:Maximum:Annual																				







TABLE II (Continued)

Index No.	Station	P R E C I P I T A T I O N										T E M P E R A T U R E				Average Length of Growing Season
		Years : Average:Maximum:Minimum:Apr-Sept: : of : Annual : Average:Average : Average:Length										: June-Aug.:Dec-Feb: (Days)				
		Record: : Annual :														



TABLE II (Continued)

		PRECIPITATION										TEMPERATURE										Average			
Index No.	Station	Years of Record:		Maximum: Annual		Minimum: Annual		24-Hour		Observed: fall in: Record:		Annual		Inches		Average: Annual		Maximum: Annual		Minimum: Annual		Average: Daily		Length	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SOUTH PLATTE RIVER BASIN (Continued)																									
NE-66	Cardinal	1	19.66	21.25	6.31	75.1																			
NE-67	Nederland	1	12.55	21.25	6.31	78.9																			
NE-68	Barker	2	21.65	32.22	14.53	65.0	4.48	98.5																	
NE-70	Abbot	5																							
NE-71	Hawthorne	27																							
NE-73	Westlake Ranch	2																							
NE-74	Simpson	14	15.44	19.64	9.85	73.7	2.50	37.4																	
NE-75	Bennett	8	13.07	22.26	8.09	73.6	1.54																		
NE-76	Denver	64	14.07	22.96	7.75	69.7	6.55	55.7	63	50.3	83.4	19.7	163												
NE-77	Golden	4	16.91	20.47	15.00	70.5	3.25	52.6	1	51.2	85.1	15.7	145												
NE-78	Edgewater	27	15.65	25.72	9.76	67.5		49.4	28	49.0	87.7	16.7													
NE-79	Denver Airport	1	16.65			87.1			1	50.6															
NE-80	Watkins	3	12.21	17.93	9.34	72.8			4	50.9															
NE-81	Army Hospital	0							0																
NE-83	Dumont	11	18.61	24.79	14.04	70.0	2.65		4	44.7	71.1	17.6													
NE-84	Idaho Springs	45	15.75	24.79	8.74	73.5	4.80	73.5	31	43.2	74.1	13.2	122												
NE-85	Georgetown	19	15.36	23.56	10.96	70.8	3.00		6	42.8	74.9	15.1													
NE-86	Byers	5	10.61	19.62	5.47	79.9	4.00	41.3	5	51.1	88.8	15.5	142												
NE-87	Sill Mine	1	25.35			46.8			1	31.9	61.9	4.4	21												
NE-88	Echo Lake	6	22.64	24.28	19.22	69.2	2.57	132.8	6	32.2	64.4	5.8													
NE-91	Morrison	7	18.88	27.97	12.94	64.8	2.00	81.4	1	47.4															
NE-92	Fort Logan	1	17.34			69.0			1	51.2															
NE-93	Deer Trail	3	14.55	18.72	9.94	83.0			4	38.4															
NE-94	Hutchison	1	19.60			69.6			1	36.5															
NE-94 <sup>1</sup>	Elk Creek	13	22.26	28.44	12.86	75.4	2.40	107.3	13	36.5	71.1	6.3	75												
NE-95	Glen	1	9.73			97.2			0																
NE-96	Halls Gulch	1	24.28			62.2			2																
NE-97	Kassler	37	17.18	25.34	7.52	68.5	3.98	63.4	22	51.2	85.1	17.8	151												
NE-98	Parker	5	11.95	15.80	8.29	79.4	1.90	42.7	5	48.0	85.2	11.1	155												
NE-99	Cassells	7	14.92	18.77	10.68	70.2	1.70	70.1	0																



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TABLE II (Continued)

		P R E C I P I T A T I O N										T E M P E R A T U R E				Average	
Index No.	Station	Years : Average : Maximum : Minimum : Apr-Sept : Annual : Years : of : Annual : Daily : Growing															
		3	4	5	6	7	8	9	10	11	12	13	14	15	16		
SOUTH PLATE RIVER BASIN (Continued)																	
NE-100	Acate	1	14.11			66.6											
NE-101½	Bailey	0				66.7											
NE-102	Fairview	1	14.32							41.7							
NE-103	Jefferson	3															
NE-104	Castle Rock	29	17.42	27.49	10.37	72.3	4.00	60.4	25	46.3	82.0	11.7	132				
NE-105	Thon	10	13.26	21.32	6.33	82.1			8	48.1	86.6	15.9	143				
NE-105½	Kiowa	0							0								
NE-107	Cemo	9	15.22	20.48	10.48	70.4			10	35.8	66.4	8.5					
NE-108	Dolly Varden Mine	1	27.23			73.0			1	22.7							
NE-111	Dudley	0							1	32.3							
NE-114	Perry Park	2	11.04			74.0			0								
NE-115	Alma	12	14.94	24.31	7.43	66.3	2.20	75.9	5	45.5	63.4	6.6	37				
NE-116	Fairplay	2	14.07			83.2			2	36.7	66.6	12.7					
NE-117	Cheesman	33	15.96	21.38	9.86	75.7	3.97	55.1	33	46.5	80.3	13.7	137				
NE-118	Tarryall	¼							0								
NE-119	Auldurst	21	18.19	24.42	10.55	77.0	3.01	95.9	0								
NE-120	Hartsel	27	10.66	16.95	3.55	83.0	2.60	42.3	0								
NE-121	Spinney	¼							¼								
REPUBLICAN RIVER BASIN																	
NE-16	Amherst	1	14.15			82.9			0								
NE-18	Fleming	4	14.41	18.73	8.24	66.8			0								
NE-20	Haxtun	17	15.57	23.24	7.97	81.1	3.01	29.5	0								
NE-21	Paoli	1	17.81			87.3			1	49.2							
NE-22	Holyoke	40	17.39	29.07	7.92	80.7	4.55	30.8	20	49.5	87.0	12.3	143				
NE-28	Le Roy	47	17.26	27.11	7.34	76.3	3.53	39.3	41	48.4	84.9	15.4	154				
NE-34	Leslie	4	14.42	27.31	5.93	80.2			0								
NE-47	Akron	19	18.38	24.67	8.13	76.7	3.72	35.6	8	47.7	85.3	15.6	145				
NE-50	Yuma	46	17.09	29.29	9.10	77.9	4.10	35.4	0								

-18-

1. 100	2. 100	3. 100
4. 100	5. 100	6. 100
7. 100	8. 100	9. 100
10. 100	11. 100	12. 100

13. 100	14. 100	15. 100
16. 100	17. 100	18. 100
19. 100	20. 100	21. 100
22. 100	23. 100	24. 100
25. 100	26. 100	27. 100
28. 100	29. 100	30. 100
31. 100	32. 100	33. 100
34. 100	35. 100	36. 100

37. 100	38. 100	39. 100
40. 100	41. 100	42. 100
43. 100	44. 100	45. 100
46. 100	47. 100	48. 100
49. 100	50. 100	51. 100
52. 100	53. 100	54. 100
55. 100	56. 100	57. 100
58. 100	59. 100	60. 100

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TABLE II (Continued)

Index No.	Station	P R E C I P I T A T I O N										T E M P E R A T U R E				:average :length
		:Average:Maximum:Minimum:Apr-Sept:Maximum:Annual:Years:Average:														







TABLE II (Continued)

Index No.	Station	P R E C I P I T A T I O N										T E M P E R A T U R E				Average Length
		Years of Record:	Maximum: Annual Average	Minimum: Annual Average	Maximum: 24-Hour Snow- fall in: Inches	Maximum: Annual Average	Minimum: Annual Average	Maximum: Annual Average	Minimum: Annual Average	Maximum: Annual Average	Minimum: Annual Average	Maximum: Annual Average	Minimum: Annual Average	Maximum: Annual Average	Minimum: Annual Average	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ARJANSAS RIVER BASIN (Continued)																
SE-13	Calhan	28	15.93	24.10	5.52	78.0	4.13	43.9	28	46.0	79.9	14.3	136			
SE-14	Feyton	3							0							
SE-15	Husted	19	15.89	22.71	9.18	79.5	2.46	52.1	16	46.7	80.9	13.3	131			
SE-16	Winfield	3	14.40	16.39	10.94	63.2			0							
SE-17	Long Branch	16	13.15	19.18	5.87	80.8	2.83	28.6	16	48.7	86.4	11.5	145			
SE-20	Aroya	2	10.57			81.1			0							
SE-21	Woodmen Sanatorium	4	16.32	20.94	12.26	72.0			4	47.3	77.5	17.5				
SE-22	Yoder	6	12.55	15.15	9.42	88.4			0							
SE-23	Front Exp. Sta.	26	21.60	30.69	13.80	76.0	3.88	110.6	26	39.2	67.0	13.6	109			
SE-24	Buena Vista	36	9.58	15.77	2.69	66.8	2.50	44.6	31	41.4	74.8	9.3	106			
SE-25	Glenn Eyrie	19	15.59	22.61	5.62	77.2	3.13	47.6	17	46.2	78.4	16.0	136			
SE-26	Colorado Springs	50	14.19	24.55	7.47	81.7	4.27	32.5	50	47.8	81.3	17.3	149			
SE-27	Ellicott	1	13.48			91.7			0							
SE-28	Rush	12	11.70	17.49	5.51	85.0	3.00	20.1	0							
SE-29	Pikes Peak	15	29.03	44.57	9.28	66.2			14	19.2						
SE-30	Strickler Tunnel	2	19.72			64.7			0							
SE-31	Lake Moraine	41	24.73	33.49	15.75	73.5	5.50	146.8	42	35.6	63.9	9.8	76			
SE-32	Kit Carson	4	8.39	14.67	4.96	86.1			4	52.5						
SE-33	Cripple Creek	16	17.17	25.36	11.36	77.0	3.11	90.9	1	35.2	67.9	9.1				
SE-34	Altman	1	20.60			73.4			1	35.2						
SE-35	St. Elmo	13	20.26	25.97	17.12	57.5	2.00	135.4	0							
SE-36	Victor	27	19.26	31.10	7.98	79.1	3.11	77.9	27	40.0	69.2	14.2	99			
SE-37	Sanborn	3	12.88	17.15	6.12	85.2			0							
SE-38	Fountain	1	11.65			72.9			2							
SE-39	Garfield	25	22.56	28.80	17.25	53.8	2.15	169.2	0							
SE-40	Salida	28	11.86	17.74	6.94	65.7	2.50	45.9	28	45.4	82.0	13.1	111			
SE-41	Wigwam	1	11.77			70.1			0							
SE-42	Savage Ranch	3	8.11	12.59	5.55	90.6	2.14	16.0	1	50.1	90.1	8.8	176			
SE-43	Laurel	13	14.21	29.60	7.11	81.0	5.95		13	51.2	89.1	15.5	154			
SE-44	Lowert	3	14.47	16.32	11.17	70.8										





TABLE II (Continued)

Index No.	Station	PRECIPITATION						TEMPERATURE						
		Years : Average :		Minimum :		Maximum :		Average :		Minimum :		Maximum :		
		of Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	Annual	
Record:	Average : in % of Observed :	: fall in Record :	: Maximum : Minimum :	: June-Aug. Ded-Feb. :	(Days)									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
ARIZONA RIVER BASIN (Continued)														
SE-43	Sheridan Lake	12	14.39	20.55	7.91	81.2	3.80	15.2	7	51.5	89.1	14.3	154	
SE-44	Canon City	48	12.62	18.91	5.14	71.9	4.31	35.1	43	53.3	86.8	22.1	166	
SE-45	Penrose (near)	12	11.07	14.86	6.25	74.5	1.62	32.6	0					
SE-46	Haswell	14	12.18	19.11	7.57	78.2	2.90	15.8	0					
SE-47	Florence	2	14.32			70.0	2.00		1	54.8	89.1	21.8	171	
SE-48	Marshall Pass	12	16.21	23.64	9.72	45.2	1.50	176.1	0					
SE-49	Beaver Creek	1	11.61			66.1			0					
SE-50	Pueblo	62	12.09	20.28	5.78	74.5	2.93	26.5	47	52.0	86.7	17.7	171	
SE-51	Sugar City	2	21.46			83.6			0					
SE-52	Fort Reynolds	3	14.91	15.97	13.87	64.7			3	53.5				
SE-53	Ordway	15	10.59	17.85	5.04	75.9	2.70	16.1	0					
SE-54	McClave	$\frac{1}{2}$							0					
SE-55	Westcliffe	25	14.92	35.48	10.11	64.3	5.49	75.8	24	42.5	83.7	9.4	97	
SE-56	Fowler	2	13.99			73.9			0					
SE-57	Eagle Farm	1	14.65			85.9			0					
SE-58	Lamar	47	15.30	24.51	7.39	76.0	4.28	23.0	47	54.5	92.8	16.3	166	
SE-59	Goodpasture	5	20.78	30.09	13.35	67.2	2.31	88.2	5	47.1	85.4	13.8	131	
SE-60	Rocky Ford	47	12.09	21.82	5.91	77.6	6.20	18.0	47	52.1	89.1	15.6	163	
SE-61	Las Animas	69	12.15	21.39	2.79	79.1	3.40	19.5	69	52.4	91.6	13.1	161	
SE-62	Granada	$\frac{1}{2}$							0					
SE-63	Amity	$\frac{1}{2}$							$\frac{1}{2}$					
SE-64	Holly	42	14.69	24.03	7.79	79.4	3.25	13.6	36	54.0	90.8	15.4	165	
SE-65	La Junta	16	14.77	22.05	9.28	76.8	2.72	24.5	0					
SE-66	Fairview	5	31.13	36.27	14.32	53.4	3.00	241.6						
SE-67	Grandcorn	3	18.38	22.11	14.72	49.2			2	46.5				
SE-68	Huerfano (near)	17	14.93	21.37	7.35	66.1	3.26	56.1	17	48.7	85.3	14.6	131	
SE-68½	Mescalante Ranger Sta.													
SE-69	Bloom	9	12.86	20.40	7.55	75.8	3.60	19.4	8	52.2	90.0	17.7	156	
SE-70	Wilde	2	12.73			67.9			0					
SE-71	Seguro	3							0					
SE-71½	Verde Lake	4	41.37	49.53	34.54	54.6			0					





TABLE II (Continued)

Index No.	Station	P R E C I P I T A T I O N														T E M P E R A T U R E				Average Length
		Average: Maximum: Minimum: Apr-Sept: 24-Hour : Snow- : of : Annual : Daily : Minimum : Maximum : Season of : Annual : Annual : in % of : Observed: fall in: Record: : June-Aug: Dec-Feb: (Days)																		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14					
ARIZONA RIVER BASIN (Continued)																				
SD- 72	Walsenburg	1	12.07					87.4			1	54.5	85.9	23.7		159				
SD- 72½	Two Buttes Res.	10	14.42		19.60	9.57	79.1	2.79			0									
SE- 73	Dehli	½									½									
SD- 74	La Veta Pass	27	21.41		34.32	9.89	51.4	3.50	144.9		0									
SE- 75	Two Buttes	37	14.62		23.16	8.58	76.6	3.51	17.1		34	53.5	90.4	17.2		165				
SE- 76	Maxey	1	13.59				68.2				0									
SD- 77	Santa Clara	18	27.14		38.05	15.79	66.2	4.65	138.3		17	44.4	77.1	15.2		126				
SE- 78	Scissors	1	11.75				58.3				0									
SD- 79	Apishapa	2	9.97				49.1				2	49.1								
SD- 80	Springfield	30	16.83		25.68	10.03	71.8	5.50	24.4		0									
SE- 81	Vilas	23	13.92		19.84	6.62	78.9	3.25	13.3		0									
SE- 82	Cuchara Camps	27	23.91		40.21	15.02	61.7	3.73	147.4		0									
SD- 83	Utleyville	16	14.00		25.58	6.40	77.8	2.92	11.1		0									
SD- 83½	Box Ranch																			
SD- 84	Koehne (near)	27	14.14		21.43	8.36	71.8	3.00	54.7		27	50.7	87.0	13.9		140				
SD- 85	North Lake	40	22.03		32.55	12.61	65.4	*2.90	114.9		15	37.5	62.1	13.4						
SD- 86	Trinidad	35	16.40		34.84	8.96	69.4	3.13	57.9		32	51.7	84.5	19.8		162				
SE- 87	Stonewall	10	18.71		25.20	10.95	80.0	2.76	64.3		0									
SD- 88	Madrid	13	14.82		20.85	9.49	73.3	2.45	57.9		0									
SD- 89	Campo	½									½									
SD- 90	Castervale	1	25.94				54.5				0									
RIO GRANDE BASIN																				
W- 83	Villa Grove	1	13.68				43.4				0									
W- 88	Saguache	33	8.87		14.97	2.88	74.5	2.40	23.5		33	43.2	80.1	7.2		119				
W- 102	Amethyst	1	15.84				45.0				1	33.6	70.6	-2.2						
W- 103	Hermit (near)	26	17.81		25.18	10.75	62.3	3.05	89.4		24	33.4	70.4	6.0		32				
W- 108	San Juan (See Permit)																			
W- 109	Wagon Wheel Gap River Valley	13	13.25		17.04	7.83	58.0	1.68	86.7		14	35.1	71.5	-6.1		26				





TABLE II (Continued)

Index Station No.		PRECIPITATION								TEMPERATURE						
		Years : Average : Minimum : Maximum : Apr - Sept : Minimum : Annual : Maximum : Snow - : of : 24-Hour : Observed : fall in : Record :								Average : Average : Daily : Maximum : Minimum : Season : June-Aug : Dec-Feb : (Days)						
		Average : Annual : in % of														



TABLE II (Continued)

Index Station No.	Station	PRECIPITATION														TEMPERATURE				Average Length
		Years : Average: Maximum: Minimum: Apr-Sept: Maximum : Annual : Snow- : of : 24-Hour : Average :																		





TABLE II (Continued)

PRECIPITATION																TEMPERATURE														Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Index Station No.		Years of : Average : Maximum : Minimum : Apr-Sept : Maximum : Annual : Snow- : of : 24-Hour : Average : in % of : Observed : fall in : Record : : June-Aug : Dec-Feb : (Days)																Average : Average : Daily : Daily : Minimum : Season														Length																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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W-30	Piney										$\frac{3}{4}$																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									





TABLE II (Continued)

Index Station No.	PRECIPITATION	AVERAGE										TEMPERATURE				Average Length of Growing Season (Days)
		Years of Record:										Average				
		Annual	Maximum	Minimum	Apr-Sept	Maximum	Annual	Years of	Annual	Maximum	Minimum	Annual	Maximum	Minimum		
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
COLORADO RIVER BASIN (Continued)																
W-59	Glade Park	8	15.63	15.80	11.52	52.5	3.06	61.7	0							
W-60	T. S. Ranch	15	10.69	14.45	6.09	52.4	2.64	32.8	15	49.9	84.2	17.5	172			
W-61	Gothic	1	39.57			45.0			1	35.4	55.4	7.9				
W-62	Cedarvale	32	11.74	18.77	7.68	53.7	2.00	59.9	32	48.3	84.3	15.7	143			
W-63	Paonia	43	14.86	22.99	7.99	48.8	2.11	52.4	31	48.7	84.9	16.2	161			
W-64	Crested Butte	26	23.06	37.32	11.05	50.4	2.00	169.0	26	34.1	74.2	1.3	46			
W-65	Ruby	8	35.62	46.51	18.83	29.5	4.60	463.1	0							
W-65½	Waterfall Ranch	0							0							
W-66	Rogers Mesa	5	9.13	9.77	8.47	64.5			0							
W-67	Delta	46	8.17	11.87	3.42	55.4	1.85	19.0	46	49.9	90.5	14.0	145			
W-68	Crawford (near)	13	10.76	16.93	5.40	57.1	1.45	53.5	13	45.6	79.8	12.5	137			
W-69	Fitkin	27	16.19	22.94	10.38	58.1	1.80	116.1	0							
W-70	Redlands	5							2	48.1	90.7	8.1				
W-71	Gumison	42	10.21	14.89	6.22	61.0	1.60	50.0	42	36.9	78.1	6.3	67			
W-72	White Pine	8	20.03	25.73	15.48	54.2	2.00	156.8	8	33.3	67.0	1.2	64			
W-73	River Portal	10	15.91	20.66	12.46	53.2	1.16	46.7	10	45.7	83.1	15.0	148			
W-74	Lu Jane	5	11.98	13.64	8.62	59.9			3	47.6	83.6	17.3				
W-75	Montrose	45	9.51	15.62	5.88	57.9	1.49	53.0	41	48.2	85.1	15.3	151			
W-76	Sapinero (near)	30	22.05	29.40	6.94	48.2	1.70	165.9	30	36.3	72.5	7.1	97			
W-77	Paradox	7							0							
W-78	Sargents	1	7.84			56.6			0							
W-79	Fort Crawford	1	9.80			45.0			1	49.6						
W-80	Uncompahgre	1							0							
W-81	Bedrock	1							0							
W-82	Cochetopa	7	11.76	15.52	7.53	68.5	1.67	45.2	0							
W-84	Horsefly	5	21.40	27.41	18.11	47.0	2.00	191.6	0							
W-85	Redvale	10	15.22	19.51	8.65	54.3	1.98	50.2	8	46.2	80.4	13.3	130			
W-86	Horwood	8	15.60	19.62	8.67	55.5	2.35	73.3	8	44.9	83.0	9.7	124			
W-87	Cathedral	17	12.37	17.26	8.56	70.4	1.40	45.3	17	35.4	71.3	-3.2	54			
W-90	Lake City	9	15.57	17.61	12.70	60.4	2.40	91.5	9	38.6	73.7	2.5	98			

1911	12	1912	13
1913	14	1914	15
1915	16	1916	17
1917	18	1918	19

1919 20 1920 21 1921 22 1922 23

1923	24	1924	25
1925	26	1926	27

1927 28 1928 29 1929 30 1930 31

1931 32 1932 33 1933 34 1934 35

1935 36 1936 37 1937 38 1938 39

1939 40 1940 41 1941 42 1942 43

1943 44 1944 45 1945 46 1946 47

1947 48 1948 49 1949 50 1950 51

1951 52 1952 53 1953 54 1954 55

1955 56 1956 57 1957 58 1958 59

1959 60 1960 61 1961 62 1962 63

TABLE II (Continued)

Index Station No.	RECORD STATISTICS	TEMPERATURE														Average Length of Growing Season
		Average: : Annual : Years : of : Annual : Daily : Maximum : Minimum : Season : : June-Aug: Dec-Feb: (Days)														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	
COLORADO RIVER BASIN (Continued)																
W-91	Curay	1	32.76				39.5			1	43.5	73.2	13.7			
W-92	Ironton	10	24.64		33.38	10.38	51.0	2.16	172.3	0						
W-93	Telluride	24	21.41		32.97	12.39	58.0	3.50	181.8	24	38.7	73.8	5.9		66	
W-94	Savage Basin	17	37.50		52.62	26.69	44.5	3.60	400.2	0						
W-95	Red Mountain	1								1						
W-96	Pandora	0								1						
W-99	Ames	22	23.88		55.10	13.50	53.7	2.86	158.5	0						
W-100	Lavender	2	13.75				53.3			1	44.0	82.1	11.8			
W-101	Carson	1								1	32.5					
W-105	Trout Lake	22	28.17		45.23	14.37	53.8	2.80	215.7	0						
W-113	Rico	34	25.71		56.58	14.97	50.3	3.77	164.5	3	58.8	74.3	8.8			
W-119	Dolores	11	19.56		30.93	10.83	50.0	2.20	51.3	11	45.8	81.6	14.5		129	
GREEN RIVER BASIN																
W-1	Columbine	26	22.77		32.59	12.64	48.1	1.98	186.5	0						
W-2	Hahn's Peak	1	23.56				53.2			1	36.6	68.2	9.9			
W-3	Ladort	1	11.98				41.2			0						
W-3 1/2	Greystone	1								1						
W-4	Sunbeam	9	10.01		13.56	7.21	60.2	1.60	37.7	9	42.5	85.8	2.5		71	
W-5	Lay	46	13.90		22.25	7.60	49.6	2.07	84.0	42	41.9	83.5	4.0		80	
W-6	Craig	0								3	41.7	85.8				
W-7	Payden	8	16.90		24.37	10.89	52.2	2.00	96.0	15	42.1	82.6	4.7		95	
W-8	Starbooth Springs	27	25.96		53.25	15.83	45.5	2.71	163.0	26	58.0	80.7	2.2		52	
W-10	Payden	21	18.52		29.13	12.32	49.1	1.87	106.2	21	42.1	81.8	6.8		82	
W-11	Bunkley	2	22.27				51.2			3	38.8					
W-12	Willow Creek	5	18.19		29.18	15.92	50.7	1.80	234.6	1	45.3	81.8	5.2		80	
W-14	Pyramid	8	25.29		28.04	21.45	47.7	1.49	213.2	7	37.7	71.4	8.6		75	
W-15	Yampa	10	17.14		23.98	10.56	48.9	2.04	76.6	0						
W-20	Lost Creek	3								1	39.2	75.2	6.7			
W-21	Rangely	13	10.13		17.93	5.98	49.9	1.96	40.8	8	43.9	86.7	1.0		115	
W-22	Meeker	41	15.69		24.30	10.88	55.7	3.24	69.7	38	43.0	82.5	6.8		68	
W-23	Fuford	2	21.08				47.9			0						

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TABLE III

CLIMATOLOGICAL DATA  
GROUP "A" STATIONS

Northeastern Division															
		P R E C I P I T A T I O N						T E M P E R A T U R E							
Index No.	Station	Years : Average: Minimum: Apr-Sept: Maximum : Annual : Years : Average: Average: Average: Length of : Annual : Annual : in % of : 24-Hour : Snow- : of : Annual : Daily : Daily : Growing Record: : Average : Observed: fall in: Record: : Maximum : Minimum: Season : Annual : : Inches : : June-Aug: Dec-Feb: (Days)													
		: Annual : : Inches : : June-Aug: Dec-Feb: (Days)													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
NE- 5	Sedgwick	24	17.63	28.72	11.66	82.0	4.25	29.6	24	48.9	87.8	11.8	145		
NE- 26	Fort Collins	49	14.72	27.57	5.65	73.0	4.60	41.0	49	46.7	81.6	13.1	144		
NE- 32	Spicer	26	11.34	15.88	7.00	55.2	2.40	82.0	24	36.9	73.6	7.0	60		
NE- 43	Fort Morgan	47	13.80	26.51	6.41	80.0	4.04	25.7	39	47.6	85.7	10.3	145		
NE- 44	Longs Peak	41	21.41	38.08	13.93	66.3	4.80	148.5	40	37.4	68.7	8.6	60		
NE- 54	Wray	35	17.55	26.99	7.92	79.5	4.16	25.4	29	50.9	88.4	14.4	151		
NE- 76	Denver	64	14.07	22.96	7.75	69.7	6.55	55.7	63	50.3	63.4	15.7	163		
NE- 84	Idaho Springs	45	15.75	24.79	8.74	73.5	4.80	73.5	31	43.2	74.1	13.2	122		
NE-106	Burlington	45	17.10	27.45	7.67	80.6	4.00	24.7	32	50.8	87.1	16.6	155		
NE-117	Cheesman	53	15.96	21.38	9.86	75.7	3.97	55.1	33	46.5	80.3	13.7	137		
Southeastern Division															
SE- 5	Leadville	40	18.54	28.85	7.30	59.6	4.34	130.7	28	35.6	68.7	6.1	82		
SE- 13	Calhan	28	15.93	24.10	5.52	78.0	4.13	43.9	28	46.0	79.9	14.3	136		
SE- 18	Cheyenne Wells	39	16.37	25.46	8.30	78.7	4.53	25.2	39	51.1	84.6	16.0	155		
SE- 24	Buena Vista	36	9.38	15.77	2.69	66.8	2.50	44.6	31	41.4	74.8	9.2	106		
SE- 31	Lake Moraine	41	24.73	32.49	15.75	73.5	5.50	146.8	42	35.6	63.9	9.8	76		
SE- 50	Fueblo	62	12.09	20.28	5.78	74.3	2.95	26.5	47	52.0	86.7	17.7	171		
SE- 61	Las Animas	69	12.15	21.39	2.79	79.1	3.40	19.5	69	52.4	91.6	13.1	161		
SE- 74	La Veta Pass	27	21.41	34.32	9.89	51.4	3.50	144.9	0	-	-	-	-		
SE- 75	Two Buttes	37	14.62	23.16	8.38	76.6	3.51	17.1	34	53.5	90.4	17.2	165		
SE- 86	Trinidad	35	16.40	34.84	8.96	69.4	3.13	57.9	32	51.7	84.5	19.8	162		





TABLE III (Continued)

CLIMATOLOGICAL DATA  
GROUP "A" STATIONS

		Western Division											
		P R E C I P I T A T I O N						T E M P E R A T U R E					
Index No.	Station	Years of Record:		Average:		Annual:		Average:		Annual:		Average:	
		of		in % of		: 24-Hour		: Snow-		: of		: Daily	
		Record:		Average		Observed:		fall in:		Record:		Maximum	
		: Annual		: Annual		: Inches		: June-Aug:		Dec-Feb:		: (Days)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
V-5	Lay	46	13.90	22.25	7.60	49.6	2.07	84.0	42	41.9	83.5	4.0	80
V-8	Steamboat Springs	27	23.96	33.25	15.83	45.5	2.71	163.0	26	38.0	80.7	2.2	52
V-22	Pecker	41	15.69	24.30	10.88	55.7	3.24	69.7	38	43.0	82.5	6.8	88
V-25	Fraser	26	20.30	27.65	12.72	54.9	3.30	158.2	26	32.3	69.8	2.7	15
V-32	Dillon	26	17.62	29.95	9.85	55.4	2.34	120.6	26	33.2	71.6	2.8	20
V-38	Clenwood Springs	34	15.25	23.59	9.71	53.2	2.13	65.8	33	45.9	84.6	11.6	125
V-48	Collbran	44	15.88	23.08	7.04	52.3	1.97	74.9	35	45.8	83.6	11.2	127
V-54	Grand Junction	44	8.70	13.74	3.64	53.6	2.50	20.9	44	52.3	88.7	18.1	189
V-63	Paonia	45	14.86	22.99	7.99	48.8	2.11	52.4	31	48.7	84.9	16.2	161
V-71	Gunnison	42	10.21	14.89	6.22	61.0	1.60	50.0	42	36.9	78.1	6.3	67
V-75	Montrose	45	9.51	15.62	5.88	57.9	1.49	53.0	41	48.2	85.1	15.3	151
V-88	Saguache	33	8.87	14.97	2.88	74.5	2.40	23.5	53	43.2	80.1	7.2	119
V-103	Hermit (near)	26	17.81	25.18	10.75	62.3	3.05	39.4	24	35.4	70.4	6.0	62
V-104	Silverton	29	25.95	44.78	16.65	53.2	4.05	159.3	29	35.2	70.3	0.7	42
V-113	Rico	34	25.71	36.58	14.97	50.3	3.77	164.5	3	38.8	-	-	-
V-135	Durango	41	19.47	34.29	8.90	50.0	2.68	65.4	41	46.1	81.7	13.5	117
V-140	Manassa	30	6.81	11.57	2.64	71.1	1.50	19.2	50	42.0	77.3	5.1	99
V-146	Cumbres	26	31.41	46.90	21.74	39.3	3.08	272.4	2	33.5	-	-	-



TABLE III a

## ALPHABETICAL INDEX, GROUP "A" STATIONS

Showing page numbers of detailed tables and graphs

Index No.	Station	Basin	County	Elevation	Group	Page Numbers	
						Tables	Graphs
SE- 24	Buena Vista	A	Chaffee	7,955	A II	31-32	33
NE-106	Burlington	REP	Kit Carson	4,160	A I	34-35	36
SE- 13	Calhan	A	El Paso	6,508	AIII	37-38	39
NE-117	Cheesman	SP	Jefferson	6,890	A II	40-41	42
SE- 18	Cheyenne Wells	REP	Cheyenne	4,279	A II	43-44	45
W - 48	Collbran	C	Mesa	6,000	A I	46-47	48
W -146	Cumbres	R	Conejos	10,015	AIII	49-50	51
NE- 76	Denver	SP	Denver	5,283	A I	52-54	55
W - 32	Dillon	C	Summit	8,900	AIII	56-57	58
W -135	Durango	S	La Plata	6,529	A I	59-60	61
NE- 26	Fort Collins	SP	Larimer	4,985	A I	62-64	65
NE- 43	Fort Morgan	SP	Morgan	4,319	A I	66-67	68
W - 25	Fraser	C	Grand	8,671	AIII	69-70	71
W - 38	Glenwood Springs	C	Garfield	5,823	A II	72-73	74
W - 54	Grand Junction	C	Mesa	4,602	A I	75-76	77
W - 71	Gunnison	C	Gunnison	7,670	A I	78-79	80
W -103	Hermit	R	Mineral	8,912	AIII	81-82	83
NE- 84	Idaho Springs	SP	Clear Creek	7,543	A I	84-85	86
SE- 31	Lake Moraine	A	El Paso	10,265	A I	87-88	89
SE- 61	Las Animas	A	Bent	3,899	A I	90-92	93
SE- 74	La Veta Pass	A	Costilla	9,242	AIII	94-95	96
W - 5	Lay	G	Moffat	6,172	A I	97-98	99
SE- 5	Leadville	A	Lake	10,248	A I	100-101	102
NE- 44	Longs Peak	SP	Larimer	8,956	A I	103-104	105
W -140	Manassa	R	Conejos	7,700	A II	106-107	108
W - 22	Meeker	G	Rio Blanco	6,500	A I	109-110	111
W - 75	Montrose	C	Montrose	5,811	A I	112-113	114
W - 63	Paonia	C	Delta	5,694	A I	115-116	117
SE- 50	Pueblo	A	Pueblo	4,685	A I	118-120	121
W -113	Rico	C	Dolores	8,824	A II	122-123	124
W - 88	Saguache	R	Saguache	7,745	A II	125-126	127
NE- 5	Sedgwick	SP	Sedgwick	3,539	AIII	128-129	130
W -104	Silverton	S	San Juan	9,400	AIII	131-132	133
W - 8	Steamboat Springs	C	Routt	6,750	AIII	134-135	136
NE- 32	Spicer	NP	Jackson	8,700	AIII	137-138	139
SE- 86	Trinidad	A	Las Animas	5,994	A II	140-141	142
SE- 75	Two Buttes	A	Baca	4,075	A II	143-144	145
NE- 54	Wray	REP	Yuma	3,512	A II	146-147	148

Note: For explanation of column headings please refer to notes for Table 11 , page 14.





# BUENA VISTA, COLORADO

Elevation 7,955 Feet		Chaffee County		Index No. B. E. 24	
Year	Annual Precipitation In Inches	Per Cent of 36-Yr. Average	Departure From 36-Yr. Average	Cumulative Departure From 36-Yr. Average	Five-Year Moving Average
1900	4.39	52	-4.49	-4.49	
01	3.16	34	-6.22	-10.71	
02	2.81	30	-6.57	-17.28	4.14
03	3.52	38	-5.96	-23.14	4.89
04	6.31	68	-3.07	-26.21	7.41
05	8.64	92	-0.74	-26.95	8.60
06	15.77	168	6.39	-20.56	10.09
07	8.75	93	-0.63	-21.19	11.88
08	10.98	117	1.60	-19.59	11.33
09	15.26	163	5.88	-13.71	11.02
1910	5.90	63	-3.48	-17.19	11.52
11	14.19	152	4.81	-12.38	11.67
12	11.25	120	1.87	-10.51	11.23
13	11.75	126	2.37	-8.14	12.73
14	13.04	139	3.66	-4.48	12.16
15	13.42	143	4.04	-0.44	11.75
16	11.33	121	1.95	1.51	10.60
17	9.20	98	-0.18	1.33	10.07
18	5.99	64	-3.39	-2.06	9.43
19	10.43	111	1.05	-1.01	9.18
1920	10.21	109	0.83	-0.18	9.26
21	10.09	108	0.71	0.53	10.35
22	9.59	102	0.21	0.74	8.80
23	11.42	122	2.04	2.78	8.32
24	2.69	29	-6.69	-3.91	8.33
25	7.79	83	-1.59	-5.50	8.34
26	10.17	109	0.79	-4.71	8.04
27	9.62	103	0.24	-4.47	10.10
28	9.95	106	0.57	-3.90	10.66
29	12.98	139	3.60	-0.30	10.19
1930	10.57	113	1.10	0.89	10.34
31	7.82	78	-1.56	-0.67	9.84
32	10.38	111	1.00	0.33	9.30
33	7.46	80	-1.92	-1.59	9.19
34	10.26	109	0.88	-0.71	9.13
35	10.05	107	0.67	-0.04	8.87
36	7.48	80	-1.90		
37	9.11	97	-0.27		

Average Precipitation 36-Years 1900-1935 9.38

Estimated Average Precipitation 56-Years 1880-1935 9.3

© Average used for missing months record.

Annual precipitation figures from U. S. Weather Bureau, except as noted.

No.	Date	Locality			Remarks
		State	County	Section	
1	1911	Ill.	Madison	...	...
2	1911	Ill.	Madison	...	...
3	1911	Ill.	Madison	...	...
4	1911	Ill.	Madison	...	...
5	1911	Ill.	Madison	...	...
6	1911	Ill.	Madison	...	...
7	1911	Ill.	Madison	...	...
8	1911	Ill.	Madison	...	...
9	1911	Ill.	Madison	...	...
10	1911	Ill.	Madison	...	...
11	1911	Ill.	Madison	...	...
12	1911	Ill.	Madison	...	...
13	1911	Ill.	Madison	...	...
14	1911	Ill.	Madison	...	...
15	1911	Ill.	Madison	...	...
16	1911	Ill.	Madison	...	...
17	1911	Ill.	Madison	...	...
18	1911	Ill.	Madison	...	...
19	1911	Ill.	Madison	...	...
20	1911	Ill.	Madison	...	...
21	1911	Ill.	Madison	...	...
22	1911	Ill.	Madison	...	...
23	1911	Ill.	Madison	...	...
24	1911	Ill.	Madison	...	...
25	1911	Ill.	Madison	...	...
26	1911	Ill.	Madison	...	...
27	1911	Ill.	Madison	...	...
28	1911	Ill.	Madison	...	...
29	1911	Ill.	Madison	...	...
30	1911	Ill.	Madison	...	...
31	1911	Ill.	Madison	...	...
32	1911	Ill.	Madison	...	...
33	1911	Ill.	Madison	...	...
34	1911	Ill.	Madison	...	...
35	1911	Ill.	Madison	...	...
36	1911	Ill.	Madison	...	...
37	1911	Ill.	Madison	...	...
38	1911	Ill.	Madison	...	...
39	1911	Ill.	Madison	...	...
40	1911	Ill.	Madison	...	...
41	1911	Ill.	Madison	...	...
42	1911	Ill.	Madison	...	...
43	1911	Ill.	Madison	...	...
44	1911	Ill.	Madison	...	...
45	1911	Ill.	Madison	...	...
46	1911	Ill.	Madison	...	...
47	1911	Ill.	Madison	...	...
48	1911	Ill.	Madison	...	...
49	1911	Ill.	Madison	...	...
50	1911	Ill.	Madison	...	...
51	1911	Ill.	Madison	...	...
52	1911	Ill.	Madison	...	...
53	1911	Ill.	Madison	...	...
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55	1911	Ill.	Madison	...	...
56	1911	Ill.	Madison	...	...
57	1911	Ill.	Madison	...	...
58	1911	Ill.	Madison	...	...
59	1911	Ill.	Madison	...	...
60	1911	Ill.	Madison	...	...
61	1911	Ill.	Madison	...	...
62	1911	Ill.	Madison	...	...
63	1911	Ill.	Madison	...	...
64	1911	Ill.	Madison	...	...
65	1911	Ill.	Madison	...	...
66	1911	Ill.	Madison	...	...
67	1911	Ill.	Madison	...	...
68	1911	Ill.	Madison	...	...
69	1911	Ill.	Madison	...	...
70	1911	Ill.	Madison	...	...
71	1911	Ill.	Madison	...	...
72	1911	Ill.	Madison	...	...
73	1911	Ill.	Madison	...	...
74	1911	Ill.	Madison	...	...
75	1911	Ill.	Madison	...	...
76	1911	Ill.	Madison	...	...
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79	1911	Ill.	Madison	...	...
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81	1911	Ill.	Madison	...	...
82	1911	Ill.	Madison	...	...
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84	1911	Ill.	Madison	...	...
85	1911	Ill.	Madison	...	...
86	1911	Ill.	Madison	...	...
87	1911	Ill.	Madison	...	...
88	1911	Ill.	Madison	...	...
89	1911	Ill.	Madison	...	...
90	1911	Ill.	Madison	...	...
91	1911	Ill.	Madison	...	...
92	1911	Ill.	Madison	...	...
93	1911	Ill.	Madison	...	...
94	1911	Ill.	Madison	...	...
95	1911	Ill.	Madison	...	...
96	1911	Ill.	Madison	...	...
97	1911	Ill.	Madison	...	...
98	1911	Ill.	Madison	...	...
99	1911	Ill.	Madison	...	...
100	1911	Ill.	Madison	...	...

THE ENTOMOLOGICAL SOCIETY OF AMERICA

1911

...

...



BUENA VISTA, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 36-YEAR PERIOD  
1900 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 31-YEAR PERIOD  
1905 TO 1935, INCLUSIVE

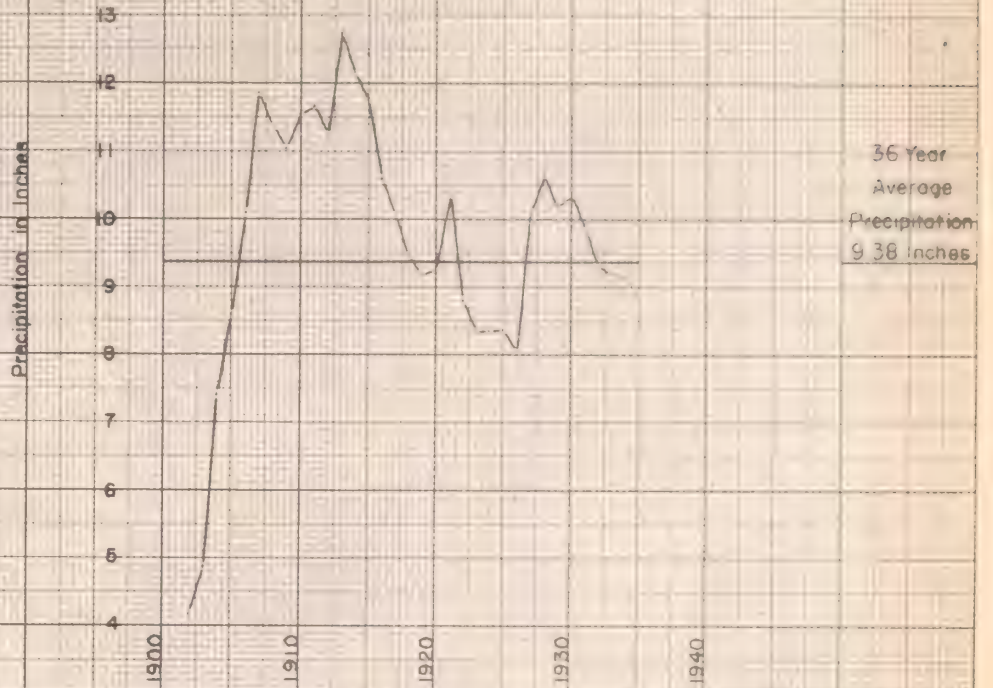
<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	1.27	0.00	0.37
Feb.	2.93	T	0.59
Mar.	2.71	0.00	0.69
Apr.	3.03	0.00	0.91
May	2.78	0.02	0.81
June	2.40	0.00	0.52
July	5.85	T	1.92
Aug.	4.48	0.05	1.39
Sept.	3.01	0.00	0.72
Oct.	1.59	0.00	0.58
Nov.	1.41	0.00	0.50
Dec.	1.75	0.00	<u>0.38</u>
Annual.....			9.38

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	33.8	12.0	22.5
Feb.	36.8	18.3	26.9
Mar.	39.8	26.4	33.0
Apr.	48.8	31.0	39.7
May	56.3	43.7	48.4
June	63.2	50.8	56.3
July	69.4	55.2	60.8
Aug.	64.7	53.3	58.6
Sept.	59.3	46.0	53.0
Oct.	48.0	36.6	43.2
Nov.	42.2	23.6	32.0
Dec.	33.6	13.2	<u>22.4</u>
Annual.....			41.4

T - Less than 0.01 inch.



BUENA VISTA, COLO.  
5 Year Moving Average Precipitation  
1900-1935

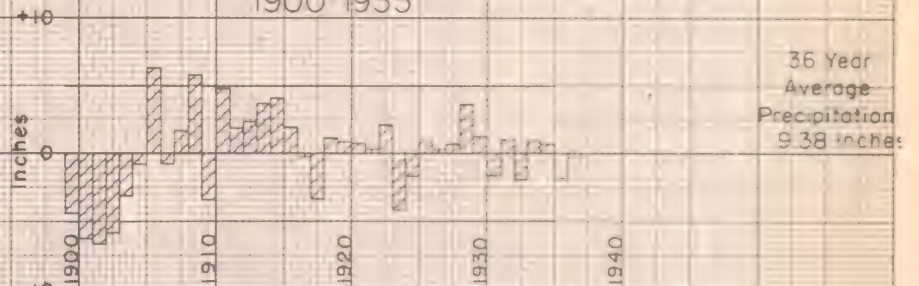


COLORADO STATE PLANNING COMMISSION

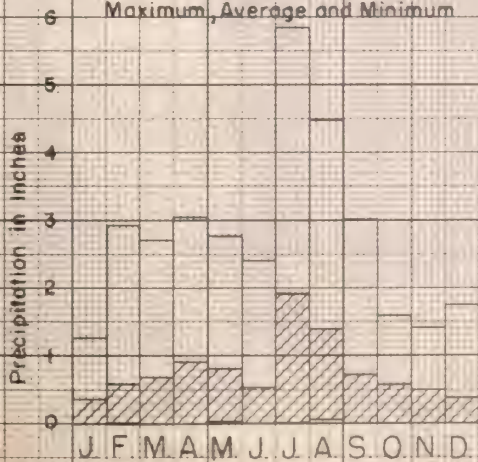
S.W. 10-25-37

BUENA VISTA, COLO.

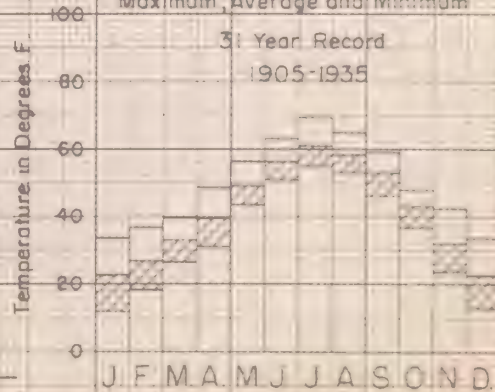
Departure from Average Precipitation  
1900-1935



Monthly Precipitation  
Maximum, Average and Minimum



Monthly Mean Temperature  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. 10-26-38





BURLINGTON, 1910-1920

Elevation 4,160 Feet		Kit Carson County		Index No. K. C. 106	
Year	Annual Precipitation In Inches	Per Cent of 45-Yr. Average	Departure From 45-Yr. Average	Cumulative Departure From 45-Yr. Average	Five-Year Moving Average
1891	20.98	122	5.88	5.88	
92	21.13	123	4.02	7.90	
93	13.90	73	-4.30	3.70	13.87
94	8.42	49	-8.68	-4.98	15.90
95	20.91	122	5.81	-1.17	15.55
96	16.13	94	-0.97	-2.14	16.70
97	19.40	114	2.30	0.16	17.24
98	18.64	109	1.54	1.70	16.74
99	11.11	65	-5.99	-4.29	15.93
1900	13.43	103	1.33	-2.96	17.07
01	17.33	101	0.25	-2.75	15.92
02	19.86	116	2.76	0.03	19.08
03	12.86	75	-4.24	-4.21	20.13
04	26.90	157	9.30	5.59	19.99
05	27.71	159	6.31	12.20	13.31
06	13.60	97	-0.50	11.70	19.47
07	11.48	67	-5.62	6.08	16.94
08	13.65	109	1.55	7.65	14.36
09	14.24	83	-2.86	4.77	14.54
1910	13.34	78	-3.76	1.01	16.62
11	15.01	83	-2.09	-1.08	15.90
12	21.83	123	4.78	3.70	15.86
13	15.02	83	-2.08	1.62	18.68
14	14.03	82	-3.04	-1.42	18.19
15	27.45	161	10.35	3.95	17.92
16	12.52	73	-4.58	4.35	13.33
17	20.54	150	3.44	7.79	13.95
18	17.22	101	0.12	7.91	17.34
19	16.93	99	-0.17	7.74	13.35
1920	19.51	114	2.41	10.15	17.70
21	17.53	103	0.45	10.58	13.33
22	17.33	101	0.23	10.81	18.59
23	23.10	155	6.00	16.81	17.43
24	14.50	85	-2.60	14.21	16.84
25	14.83	87	-2.27	11.94	16.29

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895	Chapter XLV
915	Chapter XLVI
935	Chapter XLVII
955	Chapter XLVIII
975	Chapter XLIX
995	Chapter L



BURLINGTON, COLORADO  
(Continued)

Elevation 4,160 Feet		Kit Carson County		Index No. N. E. 106	
Year	Annual Precipitation In inches	Per Cent of 45-Yr. Average	Departure From 45-Yr. Average	Cumulative Departure From 45-Yr. Average	Five-Year Moving Average
1926	14.45	85	-2.65	9.29	16.28
27	14.58	85	-2.52	6.77	16.82
28	23.04	135	5.94	12.71	19.17
29	17.22	101	0.12	12.83	18.78
1930	26.55	155	9.45	22.28	18.18
31	12.52	73	-4.58	17.70	17.03
32	11.58	68	-5.52	12.18	15.12
33	17.30	101	0.20	12.38	12.64
34	7.67	45	-9.43	2.95	12.64
35	14.11	83	-2.99	-0.04	12.84
36	12.56	73	-4.54		
37	12.55	73	-4.55		

Average Precipitation 45-Years 1891-1935 17.10

Estimated Average Precipitation 56-Years 1880-1935 17.0

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 45-YEAR PERIOD  
1891 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 32-YEAR PERIOD  
1904 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	1.40	0.00	0.22
Feb.	1.68	T	0.46
Mar.	3.00	0.02	0.72
Apr.	6.62	T	1.93
May	7.65	0.25	2.29
June	6.56	0.17	2.84
July	7.36	T	2.73
Aug.	8.73	T	2.58
Sept.	4.40	T	1.41
Oct.	4.25	0.00	0.92
Nov.	2.65	0.00	0.47
Dec.	3.83	0.00	0.53

Month	Max.	Min.	Average
Jan.	37.9	16.8	28.5
Feb.	42.2	18.9	32.6
Mar.	51.4	26.0	39.3
Apr.	54.2	41.2	48.4
May	67.2	51.6	57.9
June	75.3	61.1	68.6
July	80.5	69.1	74.4
Aug.	77.7	66.9	72.7
Sept.	70.0	58.3	64.7
Oct.	58.2	46.6	52.4
Nov.	45.4	30.6	40.3
Dec.	40.8	17.4	29.2

Annual.....17.10

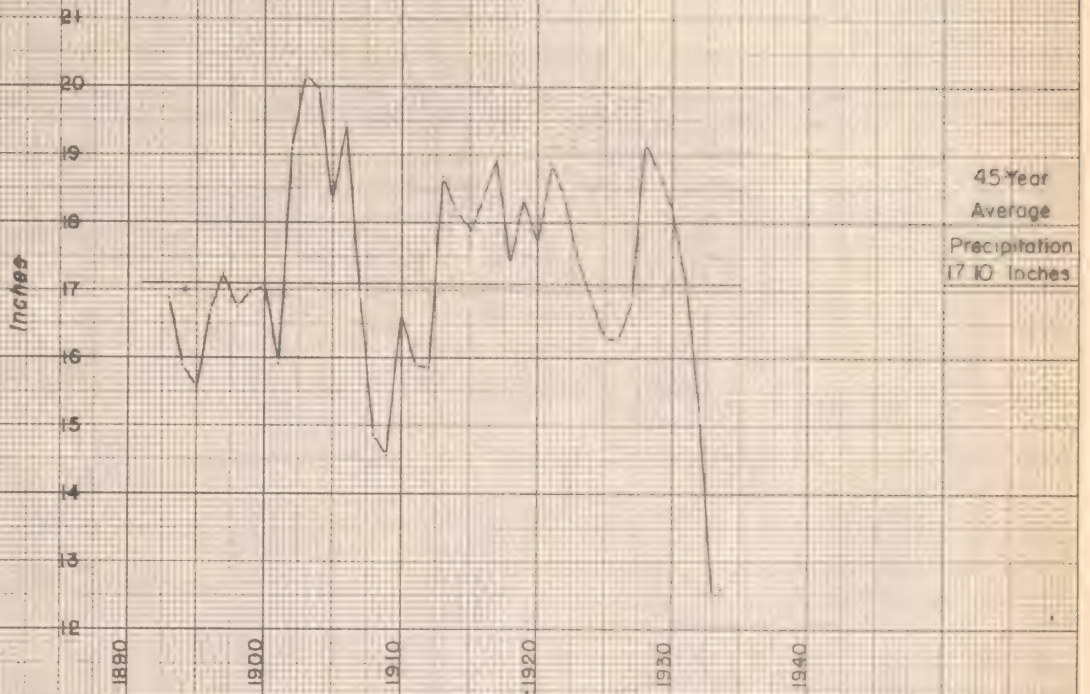
Annual.....50.8

T - Less than 0.01 inch.





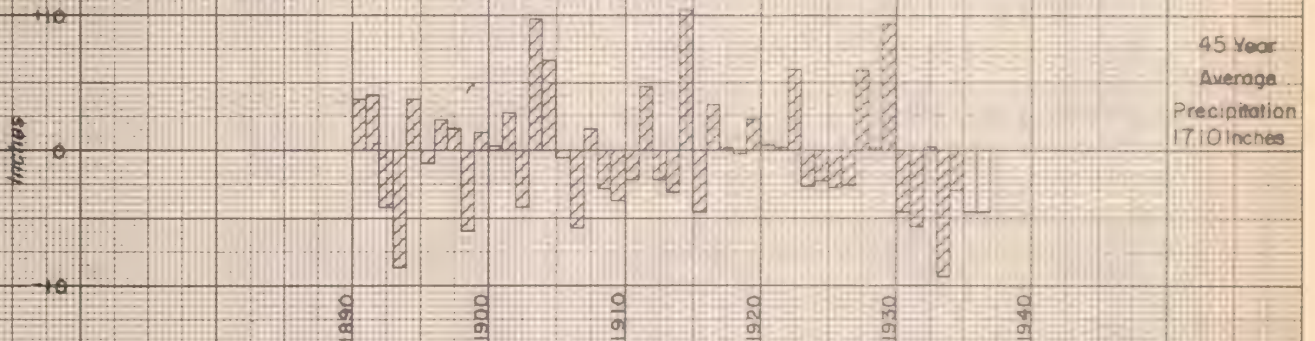
# BURLINGTON, COLO. 5-Year Moving Average Precipitation 1891-1935



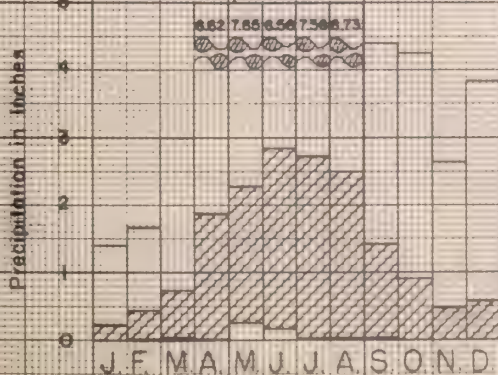
COLORADO STATE PLANNING COMMISSION

S.W. 10-26-37

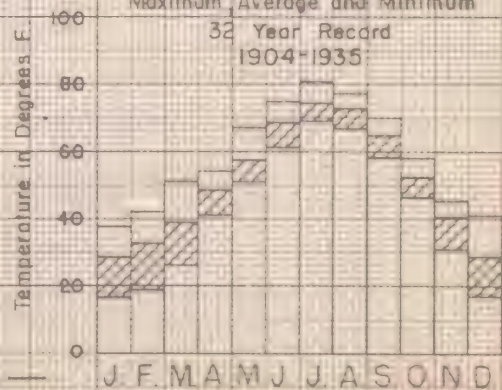
## BURLINGTON, COLO. Departure from Average Precipitation 1891-1935



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. 3-18-37





# CALHAN, COLORADO

Elevation 6,508 Feet		El Paso County		Index No. S. E. 13	
Year	Annual Precipitation In Inches	Per Cent of 28-Yr. Average	Departure From 28-Yr. Average	Cumulative Departure From 28-Yr. Average	Five-Year Moving Average
1906	20.68	130	4.75		
07#					
08	13.24	83	-2.69	-2.69	
09	22.90	144	6.97	4.28	
1910	15.07	95	-0.86	3.42	17.28
11	16.63	105	0.75	4.17	17.59
12	18.52	116	2.59	6.76	16.76
13	14.77	93	-1.16	5.60	17.13
14	18.77	118	2.84	8.44	16.64
15	16.91	106	0.98	9.42	15.81
16	14.24	89	-1.69	7.73	16.76
17	14.33	90	-1.55	6.18	15.58
18	19.49	122	3.56	9.74	15.23
19	12.90	81	-3.03	6.71	16.62
1920	15.15	95	-0.78	5.93	16.63
21	21.18	133	5.25	11.18	16.41
22	14.41	90	-1.52	9.66	16.14
23	18.39	115	2.46	12.12	16.34
24	11.55	73	-4.38	7.74	14.90
25	16.17	102	0.24	7.98	15.29
26	13.96	88	-1.97	6.01	15.11
27	16.38	103	0.45	6.46	15.61
28	17.50	110	1.57	8.03	15.94
29	14.02	88	-1.91	6.12	15.72
1930	17.86	112	1.93	8.05	15.35
31	12.85	81	-3.08	4.97	16.67
32	14.52	91	-1.41	3.56	14.97
33	24.10	151	8.17	11.73	14.31
34	5.52	35	-10.41	1.32	14.30
35	14.56	91	-1.37	-0.05	14.22
36	12.78	80	-3.15		
37	14.15	89	-1.78		

Average Precipitation 28-Years 1908-1935 15.93

Estimated Average Precipitation 56-Years 1880-1935 15.9

# Partial record.

Annual precipitation figures from U. S. Weather Bureau.

TABLE I					
Summary of the results of the investigation					
Year	Month	Day	Time	Place	Remarks
1900	Jan	1	10:00	St. Paul	First observation
1900	Jan	2	10:00	St. Paul	Second observation
1900	Jan	3	10:00	St. Paul	Third observation
1900	Jan	4	10:00	St. Paul	Fourth observation
1900	Jan	5	10:00	St. Paul	Fifth observation
1900	Jan	6	10:00	St. Paul	Sixth observation
1900	Jan	7	10:00	St. Paul	Seventh observation
1900	Jan	8	10:00	St. Paul	Eighth observation
1900	Jan	9	10:00	St. Paul	Ninth observation
1900	Jan	10	10:00	St. Paul	Tenth observation
1900	Jan	11	10:00	St. Paul	Eleventh observation
1900	Jan	12	10:00	St. Paul	Twelfth observation
1900	Jan	13	10:00	St. Paul	Thirteenth observation
1900	Jan	14	10:00	St. Paul	Fourteenth observation
1900	Jan	15	10:00	St. Paul	Fifteenth observation
1900	Jan	16	10:00	St. Paul	Sixteenth observation
1900	Jan	17	10:00	St. Paul	Seventeenth observation
1900	Jan	18	10:00	St. Paul	Eighteenth observation
1900	Jan	19	10:00	St. Paul	Nineteenth observation
1900	Jan	20	10:00	St. Paul	Twentieth observation
1900	Jan	21	10:00	St. Paul	Twenty-first observation
1900	Jan	22	10:00	St. Paul	Twenty-second observation
1900	Jan	23	10:00	St. Paul	Twenty-third observation
1900	Jan	24	10:00	St. Paul	Twenty-fourth observation
1900	Jan	25	10:00	St. Paul	Twenty-fifth observation
1900	Jan	26	10:00	St. Paul	Twenty-sixth observation
1900	Jan	27	10:00	St. Paul	Twenty-seventh observation
1900	Jan	28	10:00	St. Paul	Twenty-eighth observation
1900	Jan	29	10:00	St. Paul	Twenty-ninth observation
1900	Jan	30	10:00	St. Paul	Thirtieth observation

TABLE I  
Summary of the results of the investigation  
First observation: 1900, Jan 1, 10:00, St. Paul  
Second observation: 1900, Jan 2, 10:00, St. Paul  
Third observation: 1900, Jan 3, 10:00, St. Paul  
Fourth observation: 1900, Jan 4, 10:00, St. Paul  
Fifth observation: 1900, Jan 5, 10:00, St. Paul  
Sixth observation: 1900, Jan 6, 10:00, St. Paul  
Seventh observation: 1900, Jan 7, 10:00, St. Paul  
Eighth observation: 1900, Jan 8, 10:00, St. Paul  
Ninth observation: 1900, Jan 9, 10:00, St. Paul  
Tenth observation: 1900, Jan 10, 10:00, St. Paul  
Eleventh observation: 1900, Jan 11, 10:00, St. Paul  
Twelfth observation: 1900, Jan 12, 10:00, St. Paul  
Thirteenth observation: 1900, Jan 13, 10:00, St. Paul  
Fourteenth observation: 1900, Jan 14, 10:00, St. Paul  
Fifteenth observation: 1900, Jan 15, 10:00, St. Paul  
Sixteenth observation: 1900, Jan 16, 10:00, St. Paul  
Seventeenth observation: 1900, Jan 17, 10:00, St. Paul  
Eighteenth observation: 1900, Jan 18, 10:00, St. Paul  
Nineteenth observation: 1900, Jan 19, 10:00, St. Paul  
Twentieth observation: 1900, Jan 20, 10:00, St. Paul  
Twenty-first observation: 1900, Jan 21, 10:00, St. Paul  
Twenty-second observation: 1900, Jan 22, 10:00, St. Paul  
Twenty-third observation: 1900, Jan 23, 10:00, St. Paul  
Twenty-fourth observation: 1900, Jan 24, 10:00, St. Paul  
Twenty-fifth observation: 1900, Jan 25, 10:00, St. Paul  
Twenty-sixth observation: 1900, Jan 26, 10:00, St. Paul  
Twenty-seventh observation: 1900, Jan 27, 10:00, St. Paul  
Twenty-eighth observation: 1900, Jan 28, 10:00, St. Paul  
Twenty-ninth observation: 1900, Jan 29, 10:00, St. Paul  
Thirtieth observation: 1900, Jan 30, 10:00, St. Paul



CALHAN, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 28-YEAR PERIOD

1908 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.16	T	0.33
Feb.	2.01	0.00	0.52
Mar.	*2.52	T	0.78
Apr.	3.37	0.16	1.69
May	6.56	0.41	2.16
June	6.50	0.24	1.68
July	6.82	0.43	2.76
Aug.	7.10	0.93	3.05
Sept.	5.22	0.14	1.08
Oct.	2.09	0.00	0.72
Nov.	1.70	0.03	0.53
Dec.	2.61	0.00	<u>0.63</u>
Annual.....			15.93

T - Less than 0.01 inch.

\* Not included in years used to obtain average.

MONTHLY MEAN TEMPERATURE

FOR THE 28-YEAR PERIOD

1908 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	36.0	13.6	27.1
Feb.	35.8	19.0	28.9
Mar.	46.2	21.4	34.6
Apr.	49.0	35.8	42.8
May	60.8	44.2	51.6
June	67.8	56.8	62.7
July	72.1	63.8	68.3
Aug.	70.0	61.5	66.3
Sept.	66.2	51.8	59.3
Oct.	53.0	39.9	47.5
Nov.	42.3	30.6	36.4
Dec.	34.4	19.6	<u>26.2</u>
Annual.....			46.0

# THE REPORT OF THE COMMISSIONERS OF THE LAND OFFICE FOR THE YEAR 1871

Presented to the House of Commons  
by Command of Her Majesty the Queen  
in the Year 1871

Printed by the  
PRINTERS OF THE HOUSE OF COMMONS  
in the Year 1871

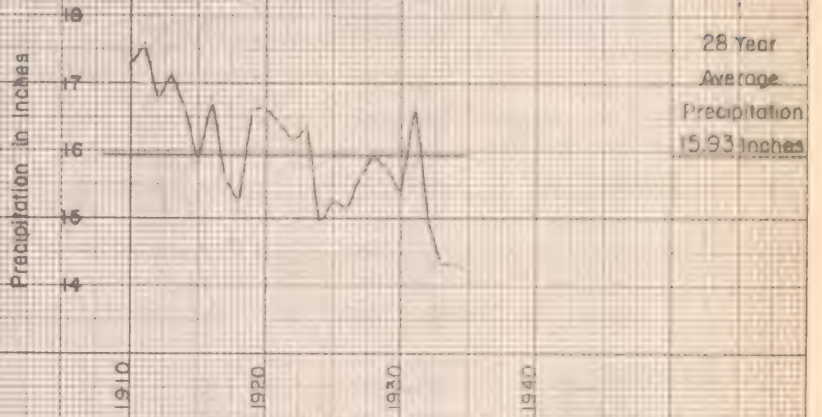
Year	1870	1871	1872	1873
1870	1870	1870	1870	1870
1871	1871	1871	1871	1871
1872	1872	1872	1872	1872
1873	1873	1873	1873	1873
1874	1874	1874	1874	1874
1875	1875	1875	1875	1875
1876	1876	1876	1876	1876
1877	1877	1877	1877	1877
1878	1878	1878	1878	1878
1879	1879	1879	1879	1879
1880	1880	1880	1880	1880
1881	1881	1881	1881	1881
1882	1882	1882	1882	1882
1883	1883	1883	1883	1883
1884	1884	1884	1884	1884
1885	1885	1885	1885	1885
1886	1886	1886	1886	1886
1887	1887	1887	1887	1887
1888	1888	1888	1888	1888
1889	1889	1889	1889	1889
1890	1890	1890	1890	1890
1891	1891	1891	1891	1891
1892	1892	1892	1892	1892
1893	1893	1893	1893	1893
1894	1894	1894	1894	1894
1895	1895	1895	1895	1895
1896	1896	1896	1896	1896
1897	1897	1897	1897	1897
1898	1898	1898	1898	1898
1899	1899	1899	1899	1899
1900	1900	1900	1900	1900

Year	1870	1871	1872	1873
1870	1870	1870	1870	1870
1871	1871	1871	1871	1871
1872	1872	1872	1872	1872
1873	1873	1873	1873	1873
1874	1874	1874	1874	1874
1875	1875	1875	1875	1875
1876	1876	1876	1876	1876
1877	1877	1877	1877	1877
1878	1878	1878	1878	1878
1879	1879	1879	1879	1879
1880	1880	1880	1880	1880
1881	1881	1881	1881	1881
1882	1882	1882	1882	1882
1883	1883	1883	1883	1883
1884	1884	1884	1884	1884
1885	1885	1885	1885	1885
1886	1886	1886	1886	1886
1887	1887	1887	1887	1887
1888	1888	1888	1888	1888
1889	1889	1889	1889	1889
1890	1890	1890	1890	1890
1891	1891	1891	1891	1891
1892	1892	1892	1892	1892
1893	1893	1893	1893	1893
1894	1894	1894	1894	1894
1895	1895	1895	1895	1895
1896	1896	1896	1896	1896
1897	1897	1897	1897	1897
1898	1898	1898	1898	1898
1899	1899	1899	1899	1899
1900	1900	1900	1900	1900

LONDON: PRINTED BY THE PRINTERS OF THE HOUSE OF COMMONS, 1871.

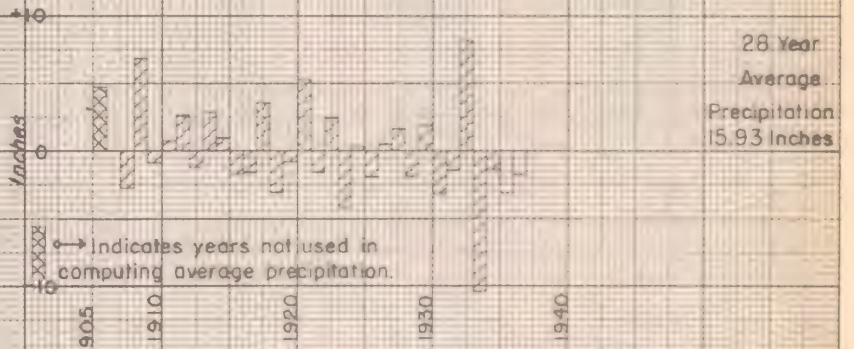


# CALHAN, COLO 5 Year Moving Average Precipitation 1908-1935

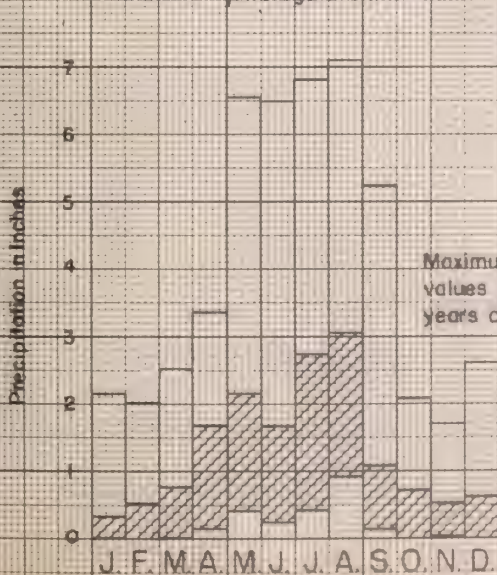


COLORADO STATE PLANNING COMMISSION

## CALHAN, COLO Departure from Average Precipitation Years of record 29. Period-1906-1935

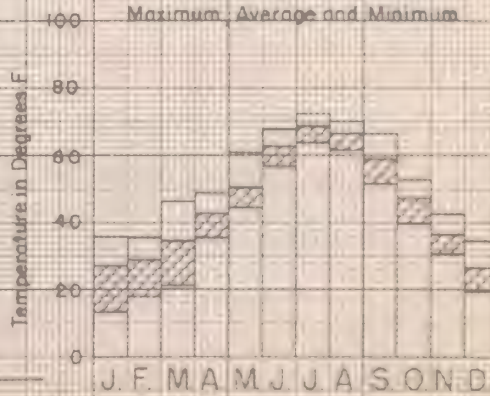


### Monthly Precipitation Maximum, Average and Minimum



Maximum and minimum  
values taken from all  
years of record.

### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION





CHETSMAN, COLORADO

Elevation 6,890 Feet		Jefferson County		Index No. N. E. 117	
Year	Annual Precipitation In Inches	Per Cent of 33-Yr. Average	Departure From 33-Yr. Average	Cumulative Departure From 33-Yr. Average	Five-Year Moving Average
1903	14.62	92	-1.34	-1.34	
04	14.64	92	-1.32	-2.66	
05	14.06	88	-1.90	-4.56	14.81
06	16.79	105	0.83	-3.73	14.07
07	13.95	87	-2.01	-5.74	14.96
08	10.93	69	-5.03	-10.77	16.42
09	19.07	120	3.11	-7.66	16.72
1910	21.38	134	5.42	-2.24	17.78
11	18.27	114	2.31	0.07	19.16
12	19.25	121	3.29	3.36	18.96
13	17.84	112	1.88	5.24	17.87
14	18.05	113	2.09	7.33	17.48
15	15.95	100	-0.01	7.32	16.57
16	16.32	102	0.36	7.68	16.59
17	14.71	92	-1.25	6.43	16.17
18	17.93	112	1.97	8.40	15.96
19	15.95	100	-0.01	8.39	16.31
1920	14.88	93	-1.08	7.31	17.09
21	20.59	129	4.63	11.94	17.50
22	16.11	101	0.15	12.09	16.23
23	19.97	125	4.01	16.10	16.43
24	9.86	62	-6.10	10.00	15.36
25	15.63	98	-0.33	9.67	15.01
26	15.24	96	-0.72	8.95	13.83
27	14.34	90	-1.62	7.33	15.45
28	14.08	88	-1.88	5.45	16.17
29	17.94	112	1.98	7.43	15.20
1930	19.25	121	3.29	10.72	14.82
31	10.38	65	-5.58	5.14	15.99
32	12.43	78	-3.53	1.61	14.52
33	19.95	125	3.99	5.60	13.80
34	10.61	66	-5.35	0.25	14.36
35	15.62	98	-0.34	-0.09	14.14
36	13.21	83	-2.75		
37	11.30	71	-4.66		

Average Precipitation 33-Years 1903-1935 15.96

Estimated Average Precipitation 56-Years 1880-1935 15.7

Annual precipitation figures from U. S. Weather Bureau.

Date		Description		Amount	
Month	Day	Particulars	Debit	Credit	Balance
Jan	1	Balance forward			100.00
Jan	2	By Cash	50.00		150.00
Jan	3	To Cash		25.00	125.00
Jan	4	By Cash	75.00		200.00
Jan	5	To Cash		50.00	150.00
Jan	6	By Cash	100.00		250.00
Jan	7	To Cash		75.00	175.00
Jan	8	By Cash	125.00		300.00
Jan	9	To Cash		100.00	200.00
Jan	10	By Cash	150.00		350.00
Jan	11	To Cash		125.00	225.00
Jan	12	By Cash	175.00		400.00
Jan	13	To Cash		150.00	250.00
Jan	14	By Cash	200.00		450.00
Jan	15	To Cash		175.00	275.00
Jan	16	By Cash	225.00		500.00
Jan	17	To Cash		200.00	300.00
Jan	18	By Cash	250.00		550.00
Jan	19	To Cash		225.00	325.00
Jan	20	By Cash	275.00		600.00
Jan	21	To Cash		250.00	350.00
Jan	22	By Cash	300.00		650.00
Jan	23	To Cash		275.00	375.00
Jan	24	By Cash	325.00		700.00
Jan	25	To Cash		300.00	400.00
Jan	26	By Cash	350.00		750.00
Jan	27	To Cash		325.00	425.00
Jan	28	By Cash	375.00		800.00
Jan	29	To Cash		350.00	450.00
Jan	30	By Cash	400.00		850.00
Jan	31	To Cash		375.00	475.00
Feb	1	Balance forward			475.00
Feb	2	By Cash	400.00		875.00
Feb	3	To Cash		400.00	475.00
Feb	4	By Cash	450.00		925.00
Feb	5	To Cash		450.00	475.00
Feb	6	By Cash	500.00		975.00
Feb	7	To Cash		500.00	475.00
Feb	8	By Cash	550.00		1025.00
Feb	9	To Cash		550.00	475.00
Feb	10	By Cash	600.00		1075.00
Feb	11	To Cash		600.00	475.00
Feb	12	By Cash	650.00		1125.00
Feb	13	To Cash		650.00	475.00
Feb	14	By Cash	700.00		1175.00
Feb	15	To Cash		700.00	475.00
Feb	16	By Cash	750.00		1225.00
Feb	17	To Cash		750.00	475.00
Feb	18	By Cash	800.00		1275.00
Feb	19	To Cash		800.00	475.00
Feb	20	By Cash	850.00		1325.00
Feb	21	To Cash		850.00	475.00
Feb	22	By Cash	900.00		1375.00
Feb	23	To Cash		900.00	475.00
Feb	24	By Cash	950.00		1425.00
Feb	25	To Cash		950.00	475.00
Feb	26	By Cash	1000.00		1475.00
Feb	27	To Cash		1000.00	475.00
Feb	28	By Cash	1050.00		1525.00
Feb	29	To Cash		1050.00	475.00
Feb	30	By Cash	1100.00		1575.00
Feb	31	To Cash		1100.00	475.00

Total Cash Received 1575.00  
 Total Cash Paid 1100.00  
 Balance on Hand 475.00



CHELSMAN, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 33-YEAR PERIOD  
1903 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 33-YEAR PERIOD  
1903 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	0.82	0.00	0.24
Feb.	1.81	T	0.52
Mar.	2.38	T	0.92
Apr.	5.42	0.06	1.97
May	4.08	0.13	1.82
June	5.26	T	1.46
July	7.57	0.46	3.02
Aug.	5.82	0.51	2.52
Sept.	3.58	0.07	1.29
Oct.	4.31	T	1.05
Nov.	1.67	T	0.53
Dec.	4.82	T	<u>0.62</u>
Annual.....			15.96

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	36.6	17.7	29.2
Feb.	38.6	18.4	30.5
Mar.	44.2	26.4	35.8
Apr.	49.0	35.3	42.9
May	58.5	45.1	51.2
June	65.4	57.8	61.6
July	71.8	62.3	66.7
Aug.	67.8	60.4	65.0
Sept.	63.4	52.2	58.4
Oct.	53.2	41.4	48.2
Nov.	43.6	31.0	38.2
Dec.	39.8	21.4	<u>29.8</u>
Annual.....			46.5

T - Less than 0.01 inch.





# CHEESMAN, COLO. 5-Year Moving Average Precipitation 1903-1935



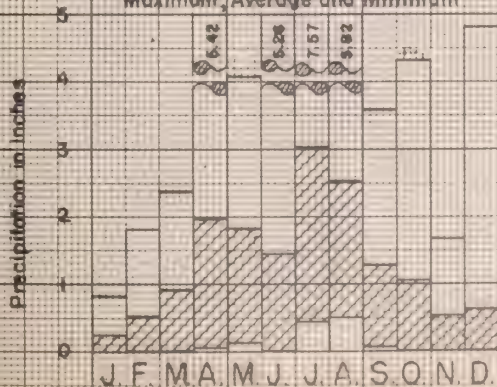
COLORADO STATE PLANNING COMMISSION

K.S. 1-5-38

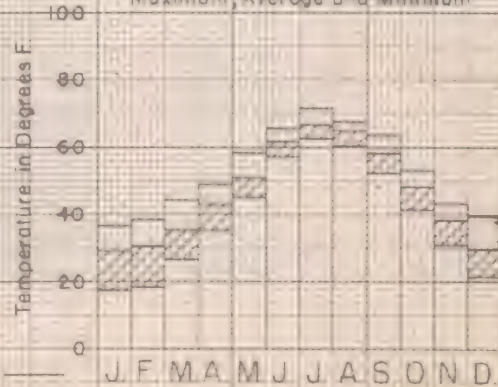
## CHEESMAN, COLO. Departure from Average Precipitation 1903-1935



Monthly Precipitation  
Maximum, Average and Minimum



Monthly Mean Temperature  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

K.S. 1-18-37





CHEYENNE WELLS, COLORADO

Elevation 4,279 Feet		Cheyenne County		Index No. S. E. 18	
Year	Annual Precipitation In Inches	Per Cent of 39-Yr. Average	Departure From 39-Yr. Average	Cumulative Departure From 39-Yr. Average	Five-Year Moving Average
1891	21.67	132	5.30		
92	18.98	116	2.61		
93	8.30	51	-8.07		
94 <sup>1/2</sup>					
95*					
96*					
97	18.89	115	2.52	2.52	
98	18.50	113	2.13	4.65	
99	14.01	86	-2.36	2.29	16.94
1900	18.60	113	2.23	4.52	16.82
01	14.69	90	-1.68	2.84	16.15
02	18.30	112	1.93	4.77	17.95
03	15.13	92	-1.24	3.53	18.16
04	23.05	141	6.68	10.21	19.09
05	19.61	120	3.24	13.45	17.47
06	13.37	118	3.00	16.45	17.95
07	10.17	62	-6.20	10.25	18.30
08	17.53	107	1.16	11.41	16.91
09	24.82	151	8.45	19.86	15.98
1910	12.66	77	-3.71	16.15	17.12
11	14.72	90	-1.65	14.50	16.71
12	15.87	97	-0.50	14.00	14.49
13	15.46	94	-0.91	13.09	17.05
14	13.76	84	-2.61	10.48	16.89
15	25.46	156	9.09	19.57	16.38
16	13.90	85	-2.47	17.10	18.04
17	13.33	81	-3.03	14.07	18.53
18	23.77	145	7.40	21.47	17.61
19	16.18	98	-0.19	21.28	18.66
1920	20.88	128	4.51	25.79	19.42
21	19.12	117	2.75	28.54	19.58
22	17.17	105	0.80	29.34	18.64
23	24.56	150	8.19	37.53	16.74
24	11.48	70	-4.89	32.64	15.46
25	11.38	69	-4.99	27.65	14.93
26	12.72	78	-3.65	24.00	13.78
27	14.49	89	-1.88	22.12	14.39
28	18.82	115	2.45	24.57	16.26
29	14.55	90	-1.82	22.75	15.66
1930	20.71	127	4.34	27.09	14.89

# TABLE 1. - SUMMARY OF DATA

STATION NO.		DATE		TIME		WIND		TEMP.		HUMID.		PRESS.		SEA		VIS.		REMARKS	
NO.	NAME	MO.	DAY	HR.	MIN.	DIR.	SPD.	AIR.	SEA.	REL.	WIND.	BAR.	ALT.	WAVE.	PER.	CLD.	WTR.	TEXT.	REMARKS
1	101	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2	102	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	103	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
4	104	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5	105	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
6	106	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
7	107	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
8	108	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
9	109	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10	110	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	111	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
12	112	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
13	113	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
14	114	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
15	115	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
16	116	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
17	117	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
18	118	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
19	119	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
20	120	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
21	121	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
22	122	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
23	123	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
24	124	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
25	125	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
26	126	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
27	127	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
28	128	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
29	129	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
30	130	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31	131	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
32	132	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
33	133	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
34	134	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
35	135	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
36	136	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
37	137	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
38	138	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
39	139	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
40	140	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
41	141	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
42	142	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
43	143	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
44	144	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
45	145	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
46	146	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
47	147	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
48	148	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
49	149	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
50	150	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10



CHEYENNE WELLS, COLORADO  
(Continued)

Elevation 4,279 Feet		Cheyenne County		Index No. S. E. 18	
Year	Annual Precipitation In Inches	Per Cent of 39-Yr. Average	Departure From 39-Yr. Average	Cumulative Departure From 39-Yr. Average	Five-Year Moving Average
1931	9.72	59	-6.65	20.44	14.51
32	10.65	65	-5.72	14.72	13.36
33	16.91	103	0.54	15.26	10.97
34	8.83	54	-7.54	7.72	10.92
35	8.76	54	-7.61	0.11	10.92
36	9.46	58	-6.91		
37	10.66	65	-5.71		

Average Precipitation 39-Years 1897-1935 16.37

Estimated Average Precipitation 56-Years 1880-1935 16.3

# Partial record. \* No record.

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 39-YEAR PERIOD  
1897 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 38-YEAR PERIOD  
1898 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	1.73	0.00	0.27
Feb.	1.84	0.00	0.52
Mar.	*2.30	T	0.76
Apr.	9.95	T	1.36
May	5.84	T	2.18
June	8.62	0.28	2.55
July	*5.10	0.54	2.61
Aug.	6.58	0.12	2.45
Sept.	4.51	T	1.24
Oct.	4.75	0.00	0.97
Nov.	2.49	0.00	0.47
Dec.	2.72	0.00	0.49

Month	Max.	Min.	Average
Jan.	36.2	17.2	28.9
Feb.	42.6	14.9	31.7
Mar.	51.2	26.8	39.5
Apr.	55.8	43.0	49.3
May	68.2	51.8	58.6
June	79.6	62.0	69.0
July	81.8	68.4	74.6
Aug.	77.5	66.4	73.4
Sept.	72.4	58.6	65.0
Oct.	59.2	46.4	52.9
Nov.	46.4	33.0	40.5
Dec.	41.5	17.6	29.3

Annual.....16.37

Annual.....51.1

T - Less than 0.01 inch.

\* Not included in years used to obtain mean.

# STANDARD TEST METHOD

TABLE 1. SUMMARY OF TEST RESULTS				
Year	Location	Depth	Temperature	Salinity
1910	1000	1000	1000	1000
1911	1000	1000	1000	1000
1912	1000	1000	1000	1000
1913	1000	1000	1000	1000
1914	1000	1000	1000	1000
1915	1000	1000	1000	1000
1916	1000	1000	1000	1000
1917	1000	1000	1000	1000
1918	1000	1000	1000	1000
1919	1000	1000	1000	1000
1920	1000	1000	1000	1000

TABLE 2. SUMMARY OF TEST RESULTS

TABLE 3. SUMMARY OF TEST RESULTS

TABLE 4. SUMMARY OF TEST RESULTS

TABLE 5. SUMMARY OF TEST RESULTS

TABLE 6. SUMMARY OF TEST RESULTS				
Year	Location	Depth	Temperature	Salinity
1921	1000	1000	1000	1000
1922	1000	1000	1000	1000
1923	1000	1000	1000	1000
1924	1000	1000	1000	1000
1925	1000	1000	1000	1000
1926	1000	1000	1000	1000
1927	1000	1000	1000	1000
1928	1000	1000	1000	1000
1929	1000	1000	1000	1000
1930	1000	1000	1000	1000

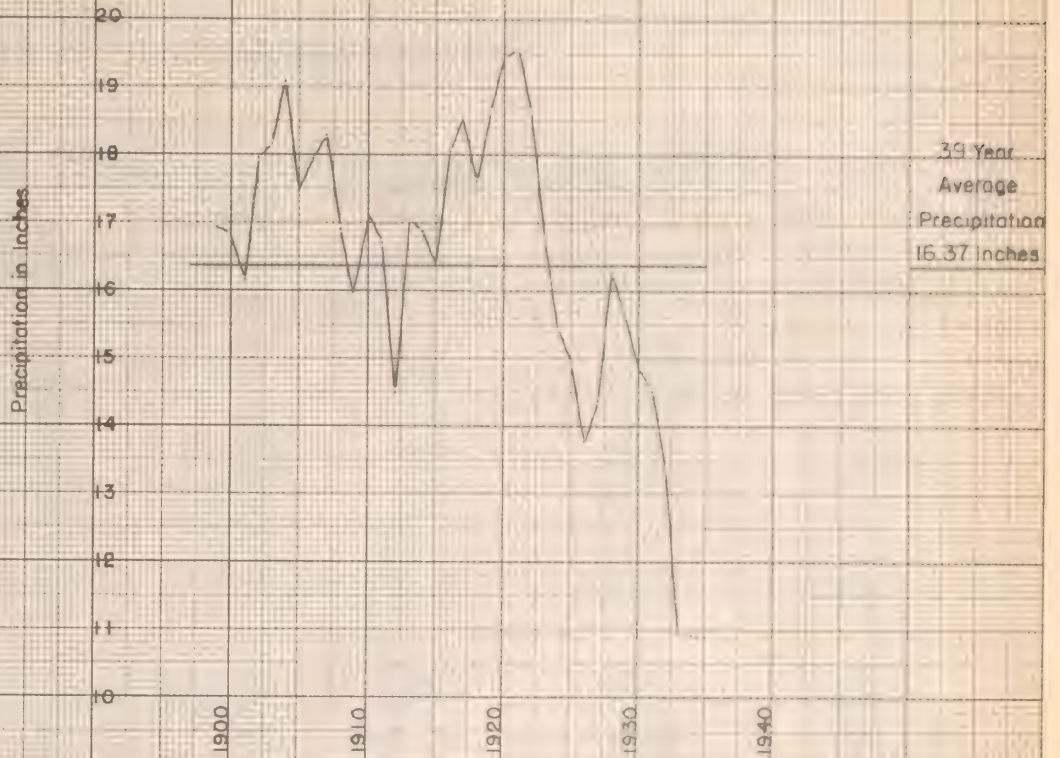
TABLE 7. SUMMARY OF TEST RESULTS

TABLE 8. SUMMARY OF TEST RESULTS

TABLE 9. SUMMARY OF TEST RESULTS



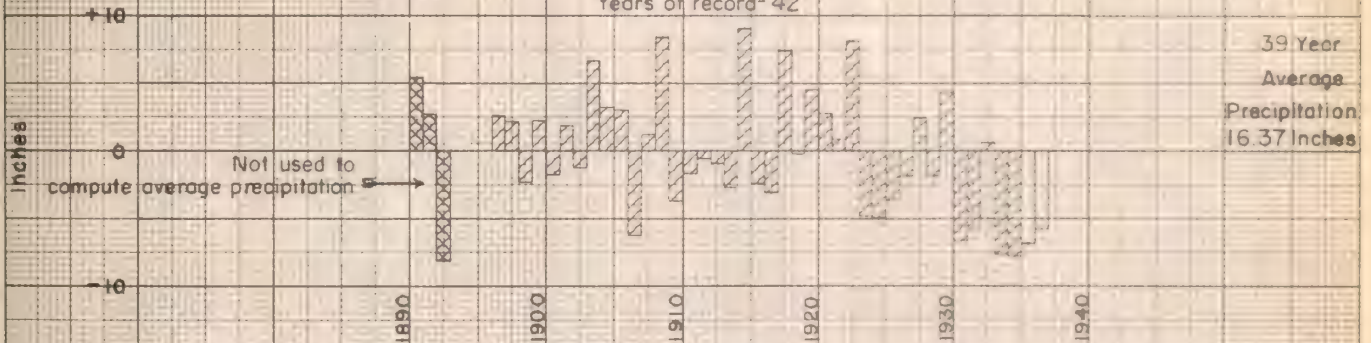
# CHEYENNE WELLS, COLO. 5 Year Moving Average Precipitation 1897-1935



COLORADO STATE PLANNING COMMISSION

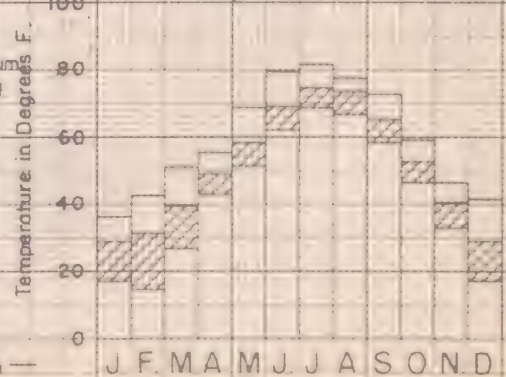
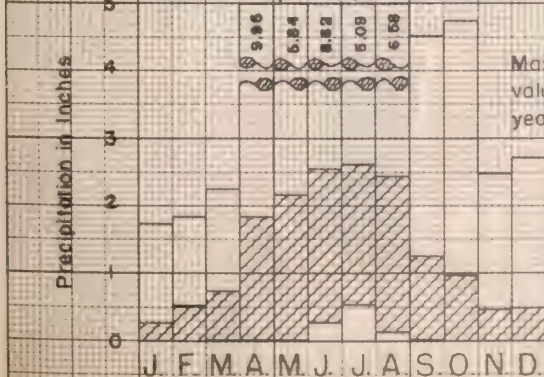
S.W. 10-25-37

## CHEYENNE WELLS, COLO. Departure from Average Precipitation 1891-1935 Years of record- 42



### Monthly Precipitation Maximum, Average and Minimum

### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. 5-30-37





COLLBRAN, COLORADO

Elevation 6,000 Feet		Mesa County		Index No. W. 48	
Year	Annual Precipitation In Inches	Per Cent of 44-Yr. Average	Departure From 44-Yr. Average	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1892	13.87	87	-2.01	-2.01	
93	17.08	108	1.20	-0.81	
94	14.35	90	-1.53	-2.34	15.40
95	17.14	108	1.26	-1.08	16.29
96	14.54	92	-1.34	-2.42	14.87
97	18.33	115	2.45	0.03	15.17
98	9.98	63	-5.90	-5.87	13.15
99	15.87	100	-0.01	-5.88	13.20
1900	7.04	44	-8.84	-14.72	11.83
01	14.76	93	-1.12	-15.84	12.63
02	11.73	74	-4.15	-19.99	11.94
03	13.77	87	-2.11	-22.10	14.26
04	12.42	78	-3.46	-25.56	15.65
05	18.63	117	2.75	-22.81	16.75
06	21.68	137	5.80	-17.01	17.56
07	17.27	109	1.39	-15.62	18.33
08	17.80	112	1.92	-13.70	17.12
09	16.26	102	0.38	-13.32	16.23
1910	12.59	79	-3.29	-16.61	16.51
11	17.25	109	1.37	-15.24	16.07
12	18.63	117	2.75	-12.49	17.18
13	15.60	98	-0.28	-12.77	17.16
14	21.84	138	5.96	-6.81	17.49
15	12.48	79	-3.40	-10.21	16.79
16	18.91	119	3.03	-7.18	17.39
17	15.13	95	-0.75	-7.93	16.03
18	18.58	117	2.70	-5.23	16.48
19	15.06	95	-0.82	-6.05	16.69
1920	14.75	93	-1.13	-7.18	16.95
21	19.95	126	4.07	-3.11	16.47
22	16.43	104	0.55	-2.56	17.21
23	16.16	102	0.28	-2.28	17.27
24	18.79	118	2.91	0.63	16.58
25	15.01	95	-0.87	-0.24	17.91
26	16.53	104	0.65	0.41	17.65
27	23.08	145	7.20	7.61	17.26
28	14.83	93	-1.05	6.56	17.58
29	16.84	106	0.96	7.52	17.64
1930	16.64	105	0.76	8.28	16.03





COLLBRAN, COLORADO  
(Continued)

Elevation 6,000 Feet		Mesa County		Index No. W 48	
Year	Annual Precipitation In Inches	Per Cent of 44-Yr. Average	Departure From 44-Yr. Average	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1931	16.83	106	0.95	9.23	15.66
32	15.02	95	-0.86	8.37	14.80
33	12.96	82	-2.92	5.45	14.18
34	12.54	79	-3.34	2.11	13.42
35	13.57	85	-2.31	-0.20	13.79
36	13.01	82	-2.87		
37	16.88	106	1.00		

Average Precipitation      44-Years      1892-1935      15.88

Estimated Average Precipitation      46-Years      1890-1935      15.9

ⒶAverage used for missing months record.

Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 44-YEAR PERIOD  
1892 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	3.79	T	1.18
Feb.	3.79	0.14	1.14
Mar.	3.89	0.11	1.58
Apr.	4.09	0.21	1.61
May	4.29	0.01	1.53
June	3.69	T	0.74
July	3.25	T	1.26
Aug.	4.45	0.17	1.53
Sept.	4.50	0.13	1.63
Oct.	4.20	T	1.45
Nov.	2.65	0.00	1.07
Dec.	2.54	0.20	1.16

Annual.....15.88

MONTHLY MEAN TEMPERATURE  
FOR THE 35-YEAR PERIOD  
1901 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	32.0	15.2	22.1
Feb.	39.2	13.6	28.2
Mar.	45.4	28.9	36.5
Apr.	50.6	39.8	45.6
May	59.6	48.2	53.6
June	67.6	58.2	62.6
July	74.4	65.8	68.8
Aug.	70.3	63.9	66.8
Sept.	62.4	52.5	59.0
Oct.	52.2	38.9	47.4
Nov.	42.6	28.6	35.5
Dec.	34.0	15.8	23.2

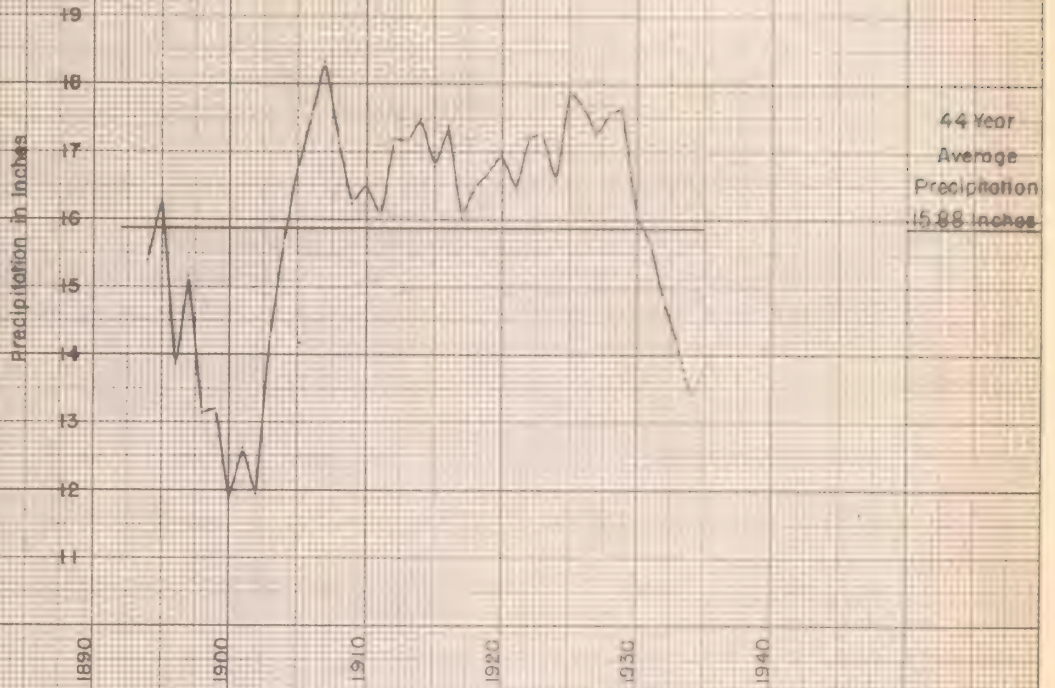
Annual.....45.8

T - Less than 0.01 inch.





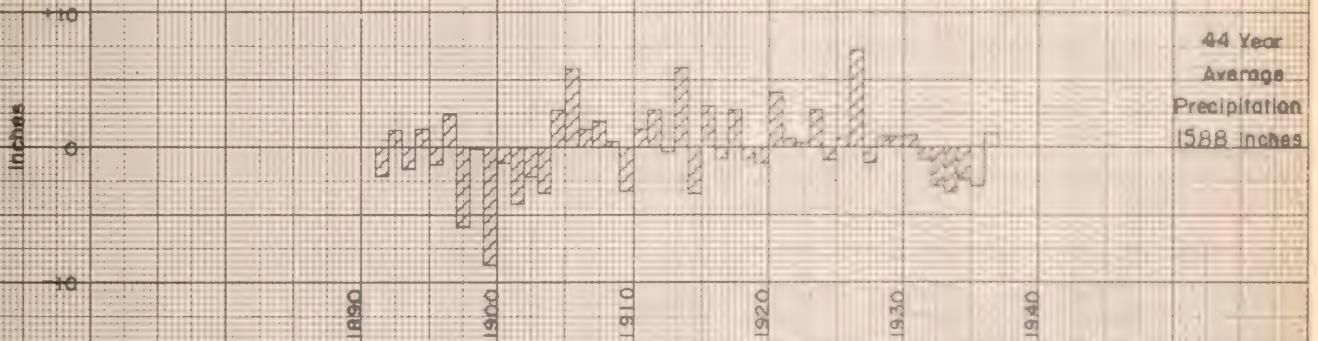
COLLBRAN, COLO.  
5 Year Moving Average Precipitation  
1892-1935



COLORADO STATE PLANNING COMMISSION

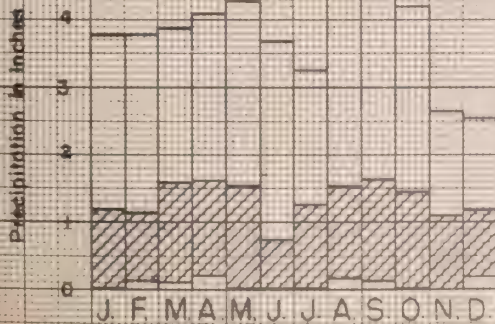
S.W. 10-26-37

COLLBRAN, COLO.  
Departure from Average Precipitation  
1890-1935



Monthly Precipitation

Maximum, Average and Minimum

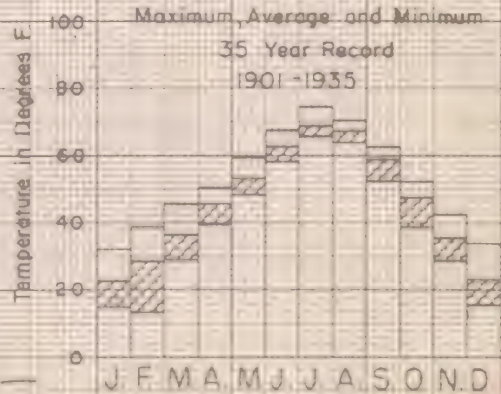


COLORADO STATE PLANNING COMMISSION

Monthly Mean Temperature

Maximum, Average and Minimum

35 Year Record  
1901-1935



S.W.  
3-2-37





# CUMBRES, COLORADO

Elevation 10,015 Feet		Conejos County		Index No. W. 146	
Year	Annual Precipitation In Inches	Per Cent of 26-Yr. Average	Departure From 26-Yr. Average	Cumulative Departure From 26-Yr. Average	Five-Year Moving Average
1910	26.67	85	-4.74	-4.74	
11	46.90	149	15.49	10.75	
12	24.20	77	-7.21	3.54	31.26
13	26.10	83	-5.31	-1.77	31.77
14	32.45	103	1.04	-0.73	29.72
15	29.21	93	-2.20	-2.93	29.79
16	36.66	117	5.25	2.32	31.23
17	24.52	78	-6.89	-4.57	31.23
18	33.37	106	1.21	-2.66	31.63
19	35.67	114	4.26	1.60	31.23
1920	27.92	89	-3.42	-1.92	31.22
21	29.63	94	-1.78	-3.60	30.15
22	29.84	95	-1.57	-5.17	28.76
23	27.59	88	-3.82	-8.99	29.82
24	28.73	92	-2.63	-11.67	28.42
25	28.31	90	-3.10	-14.77	27.75
26	27.61	83	-3.80	-18.57	27.50
27	26.51	84	-4.20	-23.47	28.89
28	26.64	85	-4.77	-28.24	30.52
29	35.37	113	3.26	-24.28	32.03
1930	36.46	116	5.05	-19.23	35.53
31	40.19	128	8.78	-10.45	37.22
32	39.22	125	7.81	-2.64	34.50
33	34.88	111	3.47	0.93	35.25
34	21.74	69	-9.67	-8.84	35.25
35	40.21	128	8.80	-0.04	35.51
36	40.18	128	8.77		
37	40.56	129	9.15		

Average Precipitation 26-Years 1910-1935 31.41

Estimated Average Precipitation 46-Years 1890-1935 31.0

Annual precipitation figures from U. S. Weather Bureau.

# TABLE I

Year		Amount		Percentage	
1900		1901		1902	
1	100	100	100	100	100
2	100	100	100	100	100
3	100	100	100	100	100
4	100	100	100	100	100
5	100	100	100	100	100
6	100	100	100	100	100
7	100	100	100	100	100
8	100	100	100	100	100
9	100	100	100	100	100
10	100	100	100	100	100
11	100	100	100	100	100
12	100	100	100	100	100
13	100	100	100	100	100
14	100	100	100	100	100
15	100	100	100	100	100
16	100	100	100	100	100
17	100	100	100	100	100
18	100	100	100	100	100
19	100	100	100	100	100
20	100	100	100	100	100
21	100	100	100	100	100
22	100	100	100	100	100
23	100	100	100	100	100
24	100	100	100	100	100
25	100	100	100	100	100
26	100	100	100	100	100
27	100	100	100	100	100
28	100	100	100	100	100
29	100	100	100	100	100
30	100	100	100	100	100
31	100	100	100	100	100
32	100	100	100	100	100
33	100	100	100	100	100
34	100	100	100	100	100
35	100	100	100	100	100
36	100	100	100	100	100
37	100	100	100	100	100
38	100	100	100	100	100
39	100	100	100	100	100
40	100	100	100	100	100
41	100	100	100	100	100
42	100	100	100	100	100
43	100	100	100	100	100
44	100	100	100	100	100
45	100	100	100	100	100
46	100	100	100	100	100
47	100	100	100	100	100
48	100	100	100	100	100
49	100	100	100	100	100
50	100	100	100	100	100
51	100	100	100	100	100
52	100	100	100	100	100
53	100	100	100	100	100
54	100	100	100	100	100
55	100	100	100	100	100
56	100	100	100	100	100
57	100	100	100	100	100
58	100	100	100	100	100
59	100	100	100	100	100
60	100	100	100	100	100
61	100	100	100	100	100
62	100	100	100	100	100
63	100	100	100	100	100
64	100	100	100	100	100
65	100	100	100	100	100
66	100	100	100	100	100
67	100	100	100	100	100
68	100	100	100	100	100
69	100	100	100	100	100
70	100	100	100	100	100
71	100	100	100	100	100
72	100	100	100	100	100
73	100	100	100	100	100
74	100	100	100	100	100
75	100	100	100	100	100
76	100	100	100	100	100
77	100	100	100	100	100
78	100	100	100	100	100
79	100	100	100	100	100
80	100	100	100	100	100
81	100	100	100	100	100
82	100	100	100	100	100
83	100	100	100	100	100
84	100	100	100	100	100
85	100	100	100	100	100
86	100	100	100	100	100
87	100	100	100	100	100
88	100	100	100	100	100
89	100	100	100	100	100
90	100	100	100	100	100
91	100	100	100	100	100
92	100	100	100	100	100
93	100	100	100	100	100
94	100	100	100	100	100
95	100	100	100	100	100
96	100	100	100	100	100
97	100	100	100	100	100
98	100	100	100	100	100
99	100	100	100	100	100
100	100	100	100	100	100

Source: Bureau of Economic Warfare, Department of War, Washington, D.C., 1918.



CUMBERES, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 26-YEAR PERIOD  
1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	12.34	0.17	3.65
Feb.	12.33	1.47	4.14
Mar.	11.20	0.24	4.20
Apr.	6.62	0.23	2.55
May	5.75	0.26	1.69
June	2.37	0.01	0.96
July	5.56	0.57	2.62
Aug.	5.99	0.44	2.66
Sept.	5.63	0.10	1.96
Oct.	6.50	0.00	1.87
Nov.	4.99	0.06	2.40
Dec.	5.45	0.03	<u>2.81</u>
Annual.....			31.41

MONTHLY MEAN TEMPERATURE  
FOR THE 24-YEAR PERIOD  
1891 TO JULY, 1893, INCL.

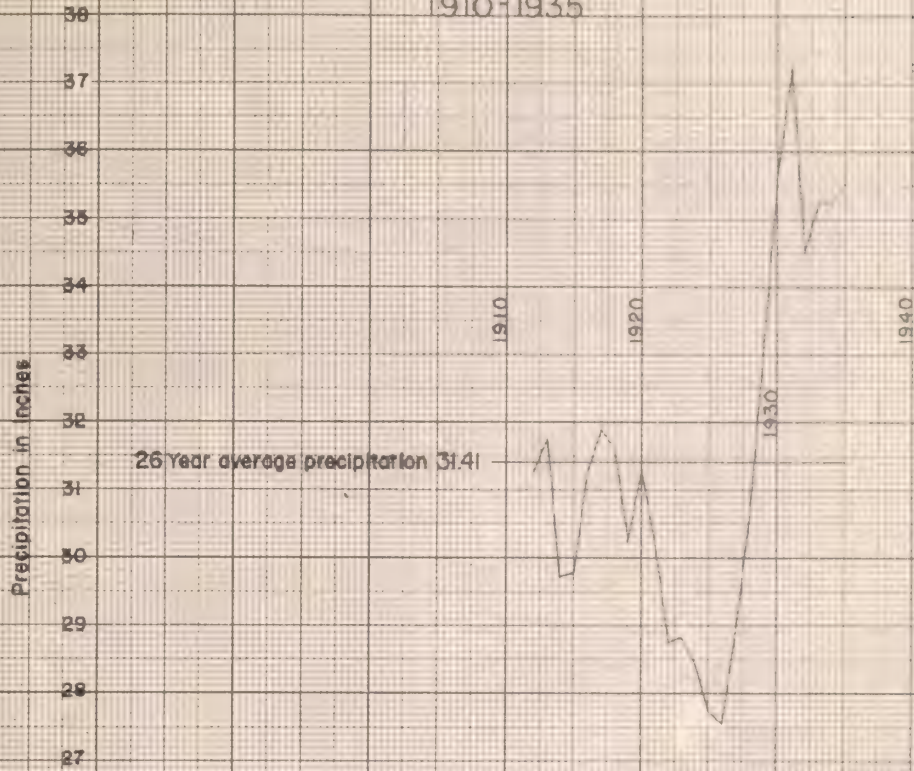
<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	18.6	13.4	16.2
Feb.	19.8	17.0	18.7
Mar.	22.4	20.2	21.1
Apr.	29.0	27.6	28.4
May	41.0	37.3	38.9
June	50.6	46.8	48.1
July	54.0	53.4	53.7
Aug.	53.0	52.0	52.5
Sept.	49.1	47.0	48.0
Oct.	37.3	35.4	36.3
Nov.	29.4	24.1	26.7
Dec.	14.0	13.0	<u>13.5</u>
Annual.....			33.5





# CUMBRES, COLO.

## 5 Year Moving Average Precipitation 1910-1935

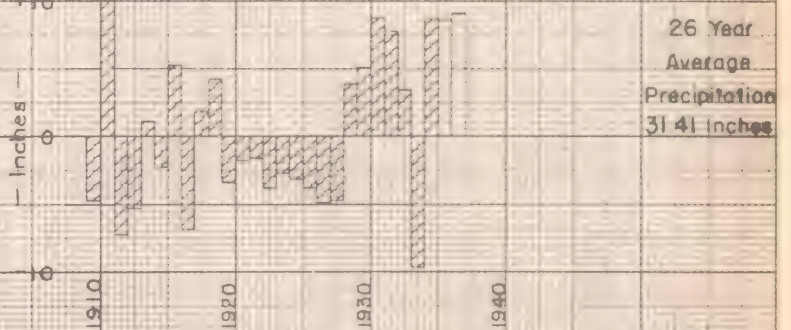


COLORADO STATE PLANNING COMMISSION

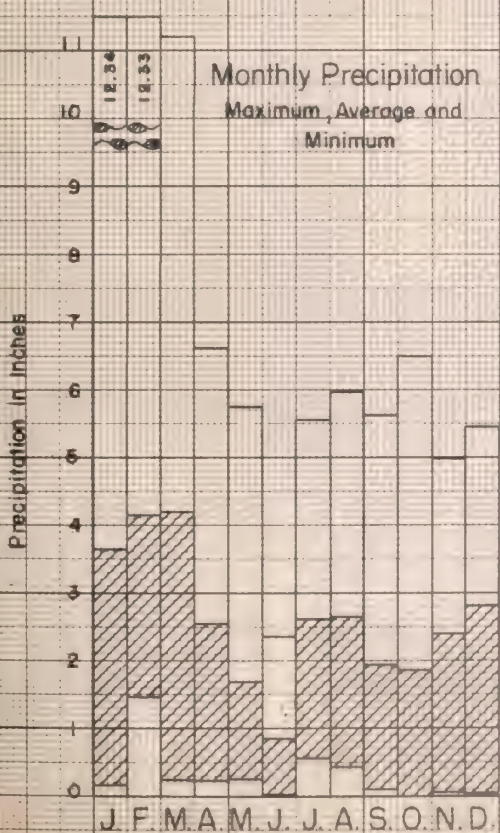
SW 9-22-37

# CUMBRES, COLO.

## Departure from Average Precipitation 1910-1935

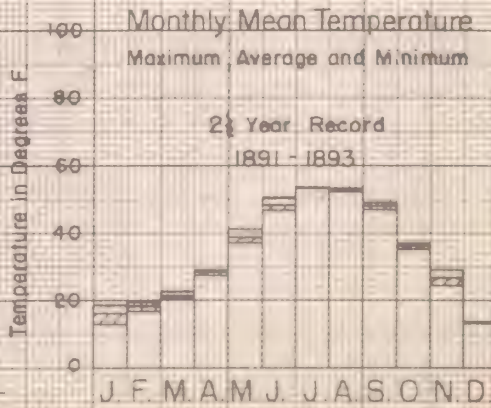


## Monthly Precipitation Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

## Monthly Mean Temperature Maximum, Average and Minimum



SW JAN 4, 1937





# DENVER, COLORADO

Elevation 5,283 Feet      Denver County      Index No. N. E. 76

Year	Annual Precipitation In Inches	Per Cent of Norm. Average	Departure From 64-yr. Average	Cumulative Departure From 64-yr. Average	Five-Year Average
1872	17.25	123	3.18	3.18	
73	11.81	84	-2.26	0.92	
74	15.43	96	-0.61	0.31	15.95
75	17.10	122	3.03	3.34	15.47
76	20.12	143	6.05	9.39	15.50
77	16.36	116	2.29	11.68	15.48
78	15.43	110	1.39	13.07	14.43
79	10.86	77	-5.21	9.86	15.61
1880	9.58	68	-4.49	5.37	12.64
81	12.79	91	-1.38	4.09	15.44
82	14.49	103	0.42	4.51	14.43
83	19.49	138	5.42	9.93	15.56
84	15.07	107	1.00	10.93	16.01
85	15.95	113	1.86	12.81	15.61
86	15.07	107	1.00	13.81	13.62
87	12.49	89	-1.58	12.23	13.55
88	9.51	68	-4.56	7.67	12.23
89	14.75	105	0.68	8.35	13.50
1890	9.33	66	-4.74	3.61	14.01
91	21.43	152	7.36	10.97	13.30
92	15.02	107	0.95	11.92	13.87
93	3.48	60	-5.59	6.33	15.23
94	15.09	107	1.02	7.35	13.51
95	16.12	115	2.05	9.40	15.53
96	11.84	84	-2.23	7.17	14.28
97	15.37	109	1.30	8.47	13.13
98	12.98	92	-1.09	7.38	11.95
99	9.33	60	-4.74	2.64	12.41
1900	15.29	109	1.22	3.86	12.01
01	9.10	65	-4.97	-1.11	11.11
02	13.35	95	-0.72	-1.83	12.36
03	9.50	68	-4.57	-6.40	12.74
04	14.05	100	-0.02	-6.42	14.23
05	17.68	126	3.61	-2.81	13.93

# RECEIPT

Received of \_\_\_\_\_ the sum of \_\_\_\_\_ Dollars  
 for \_\_\_\_\_

No.	Amount	Particulars
1	100.00	Balance forward
2	50.00	Interest on loan
3	25.00	Dividend on stock
4	75.00	Payment on account
5	150.00	Subscription fee
6	300.00	Monthly payment
7	100.00	Refund of overpayment
8	200.00	Payment of bill
9	50.00	Interest on deposit
10	100.00	Balance forward



DENVER, COLORADO  
(Continued)

Elevation 5,283 Feet		Denver County		Index No. N. E. 76	
Year	Annual Precipitation In Inches	Per Cent of 64-Yr. Average	Departure From 64-Yr. Average	Cumulative Departure From 64-Yr. Average	Five-Year Moving Average
1906	16.84	120	2.77	-0.04	15.26
07	11.83	84	-2.24	-2.28	17.05
08	15.92	113	1.85	-0.43	16.09
09	22.96	163	8.89	8.46	14.27
1910	12.89	92	-1.18	7.28	15.69
11	7.75	55	-6.32	0.96	16.18
12	18.93	134	4.86	5.82	15.51
13	18.36	130	4.29	10.11	16.50
14	19.61	139	5.54	15.65	17.39
15	17.83	127	3.76	19.41	15.45
16	12.23	87	-1.84	17.57	15.34
17	9.24	66	-4.83	12.74	14.14
18	17.78	126	3.71	16.45	12.54
19	13.63	97	-0.44	16.01	13.50
1920	9.81	70	-4.26	11.75	13.74
21	14.55	103	0.48	12.23	14.47
22	12.95	92	-1.12	11.11	13.96
23	21.42	152	7.35	18.46	13.95
24	11.07	79	-3.00	15.46	13.65
25	9.78	69	-4.29	11.17	14.24
26	13.05	93	-1.02	10.15	12.88
27	15.88	113	1.81	11.96	13.75
28	14.61	104	0.54	12.50	13.62
29	15.42	110	1.35	13.85	13.64
1930	9.12	65	-4.95	8.90	12.49
31	13.16	93	-0.91	7.99	11.98
32	10.12	72	-3.95	4.04	10.88
33	12.07	86	-2.00	2.04	12.70
34	8.93	63	-5.14	-3.10	12.98
35	17.23	122	3.16	0.06	13.13
36	16.54	118	2.47		
37	10.88	77	-3.19		

Average Precipitation      64-Years      1872-1935      14.07

Estimated Average Precipitation      56-Years      1880-1935      13.9

Annual precipitation figures from U. S. Weather Bureau.

Description of Property		Value		Date	
Lot	Area	Value	Remarks	Year	Month
1	1000	1000		1900	1
2	2000	2000		1900	2
3	3000	3000		1900	3
4	4000	4000		1900	4
5	5000	5000		1900	5
6	6000	6000		1900	6
7	7000	7000		1900	7
8	8000	8000		1900	8
9	9000	9000		1900	9
10	10000	10000		1900	10
11	11000	11000		1900	11
12	12000	12000		1900	12
13	13000	13000		1900	1
14	14000	14000		1900	2
15	15000	15000		1900	3
16	16000	16000		1900	4
17	17000	17000		1900	5
18	18000	18000		1900	6
19	19000	19000		1900	7
20	20000	20000		1900	8
21	21000	21000		1900	9
22	22000	22000		1900	10
23	23000	23000		1900	11
24	24000	24000		1900	12
25	25000	25000		1900	1
26	26000	26000		1900	2
27	27000	27000		1900	3
28	28000	28000		1900	4
29	29000	29000		1900	5
30	30000	30000		1900	6
31	31000	31000		1900	7
32	32000	32000		1900	8
33	33000	33000		1900	9
34	34000	34000		1900	10
35	35000	35000		1900	11
36	36000	36000		1900	12
37	37000	37000		1900	1
38	38000	38000		1900	2
39	39000	39000		1900	3
40	40000	40000		1900	4
41	41000	41000		1900	5
42	42000	42000		1900	6
43	43000	43000		1900	7
44	44000	44000		1900	8
45	45000	45000		1900	9
46	46000	46000		1900	10
47	47000	47000		1900	11
48	48000	48000		1900	12
49	49000	49000		1900	1
50	50000	50000		1900	2
51	51000	51000		1900	3
52	52000	52000		1900	4
53	53000	53000		1900	5
54	54000	54000		1900	6
55	55000	55000		1900	7
56	56000	56000		1900	8
57	57000	57000		1900	9
58	58000	58000		1900	10
59	59000	59000		1900	11
60	60000	60000		1900	12
61	61000	61000		1900	1
62	62000	62000		1900	2
63	63000	63000		1900	3
64	64000	64000		1900	4
65	65000	65000		1900	5
66	66000	66000		1900	6
67	67000	67000		1900	7
68	68000	68000		1900	8
69	69000	69000		1900	9
70	70000	70000		1900	10
71	71000	71000		1900	11
72	72000	72000		1900	12
73	73000	73000		1900	1
74	74000	74000		1900	2
75	75000	75000		1900	3
76	76000	76000		1900	4
77	77000	77000		1900	5
78	78000	78000		1900	6
79	79000	79000		1900	7
80	80000	80000		1900	8
81	81000	81000		1900	9
82	82000	82000		1900	10
83	83000	83000		1900	11
84	84000	84000		1900	12
85	85000	85000		1900	1
86	86000	86000		1900	2
87	87000	87000		1900	3
88	88000	88000		1900	4
89	89000	89000		1900	5
90	90000	90000		1900	6
91	91000	91000		1900	7
92	92000	92000		1900	8
93	93000	93000		1900	9
94	94000	94000		1900	10
95	95000	95000		1900	11
96	96000	96000		1900	12
97	97000	97000		1900	1
98	98000	98000		1900	2
99	99000	99000		1900	3
100	100000	100000		1900	4

Total Value of Property: \$1,000,000  
 Total Area of Property: 100,000 sq. ft.  
 Date of Valuation: 1900

DENVER, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 64-YEAR PERIOD

1872 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.35	0.01	0.40
Feb.	2.01	0.03	0.55
Mar.	3.10	0.11	1.02
Apr.	8.24	0.25	2.06
May	8.57	0.09	2.35
June	4.96	*T	1.31
July	5.24	0.01	1.67
Aug.	3.87	0.02	1.45
Sept.	3.78	T	0.97
Oct.	3.92	T	1.00
Nov.	1.95	T	0.60
Dec.	5.21	T	<u>0.69</u>
Annual..	.....	.....	14.07

MONTHLY MEAN TEMPERATURE

FOR THE 63-YEAR PERIOD

1873 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	40.0	16.9	30.7
Feb.	42.3	17.6	32.9
Mar.	50.4	26.4	39.1
Apr.	55.5	38.8	47.5
May	64.6	48.7	56.5
June	72.8	61.0	66.7
July	77.8	67.4	72.3
Aug.	74.7	66.5	71.1
Sept.	68.2	54.8	62.7
Oct.	57.8	43.3	51.2
Nov.	46.2	22.0	40.1
Dec.	43.8	21.2	<u>32.1</u>
Annual.....	.....	.....	50.2

\*- T - Indicates only a trace of  
moisture

T - Less than 0.01 inch.



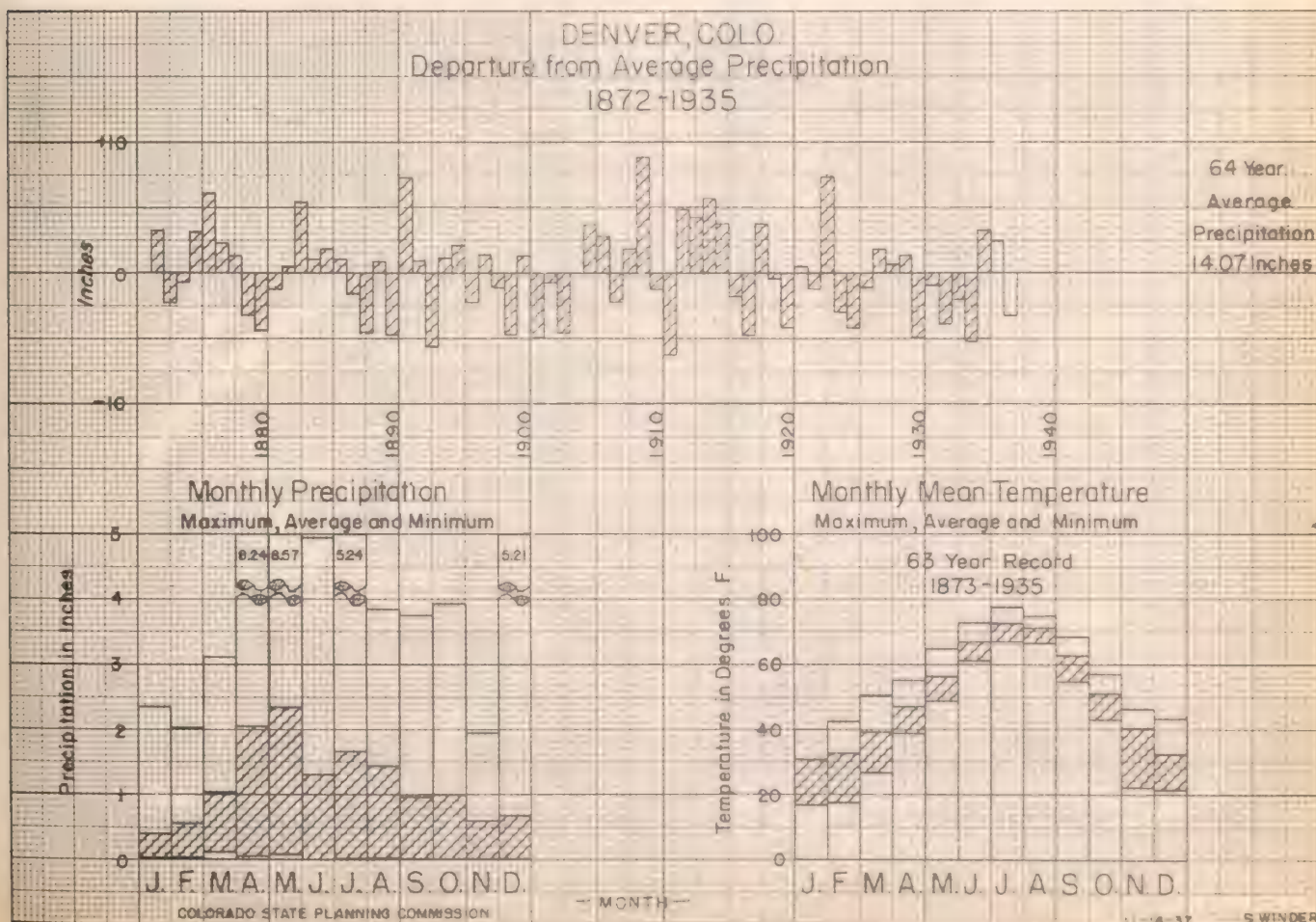
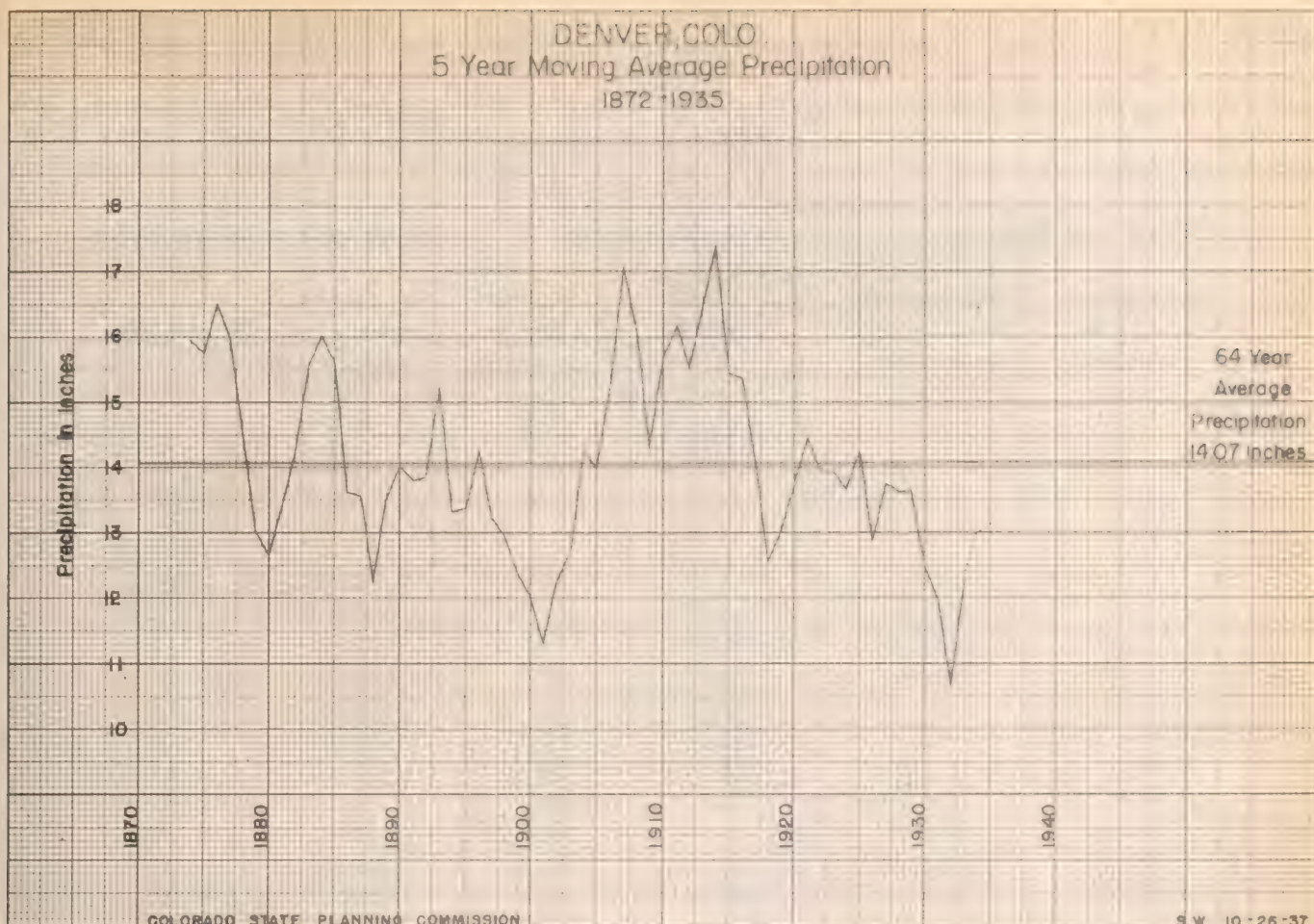
# REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

THE  
REPORT OF THE  
COMMISSIONER OF THE  
GENERAL LAND OFFICE

FOR THE  
YEAR 1900  
IN RESPONSE TO A  
RESOLUTION OF THE  
HOUSE OF COMMONS

NAME	AGE	SEX	RELATION	NAME	AGE	SEX	RELATION
JOHN	45	M	H	JOHN	45	M	H
MARY	42	F	W	MARY	42	F	W
EDWARD	18	M	S	EDWARD	18	M	S
MARY	15	F	D	MARY	15	F	D
JOHN	12	M	S	JOHN	12	M	S
MARY	10	F	D	MARY	10	F	D
EDWARD	8	M	S	EDWARD	8	M	S
MARY	6	F	D	MARY	6	F	D
JOHN	4	M	S	JOHN	4	M	S
MARY	3	F	D	MARY	3	F	D
EDWARD	2	M	S	EDWARD	2	M	S
MARY	1	F	D	MARY	1	F	D
JOHN	0	M	S	JOHN	0	M	S
MARY	0	F	D	MARY	0	F	D
EDWARD	0	M	S	EDWARD	0	M	S
MARY	0	F	D	MARY	0	F	D

THE  
REPORT OF THE  
COMMISSIONER OF THE  
GENERAL LAND OFFICE  
FOR THE  
YEAR 1900  
IN RESPONSE TO A  
RESOLUTION OF THE  
HOUSE OF COMMONS







# DILLON, COLORADO

Elevation 8,800 Feet		Summit County		Index No. W. 32	
Year	Annual Precipitation In Inches	Per Cent of 26-Yr. Average	Departure From 26-Yr. Average	Cumulative Departure From 26-Yr. Average	Five-Year Moving Average
1891	26.99	153	9.37		
92	29.95	170	12.33		
93 <sup>#</sup>					
*					
1909 <sup>#</sup>					
1910	9.85	55	-7.77	-7.77	
11	12.04	68	-5.58	-13.35	
12 C	26.50	150	8.38	-4.47	15.30
13	14.57	83	-3.05	-7.52	16.32
14	13.54	77	-4.08	-11.60	17.64
15	14.94	85	-2.68	-14.28	15.51
16	18.63	106	1.01	-13.27	15.72
17	15.88	90	-1.74	-15.01	15.63
18	15.60	89	-2.02	-17.03	16.20
19	13.08	74	-4.54	-21.57	16.31
1920	17.79	101	0.17	-21.40	16.50
21	19.20	109	1.58	-19.82	17.12
22	16.83	95	-0.79	-20.61	18.25
23	18.68	106	1.06	-19.55	18.54
24	18.77	107	1.15	-18.40	19.45
25	19.22	109	1.60	-16.80	20.66
26	23.76	135	6.14	-10.66	20.79
27	22.85	130	5.23	-5.43	20.24
28	19.34	110	1.72	-3.71	20.04
29	16.05	91	-1.57	-5.28	17.77
1930	18.22	103	0.60	-4.68	16.78
31	12.41	70	-5.21	-9.89	16.98
32	17.89	102	0.27	-9.62	17.90
33	20.32	115	2.70	-6.92	18.58
34	20.67	117	3.05	-3.87	21.45
35	21.60	123	3.98	0.11	21.10
36	26.76	152	9.14		
37	16.15	92	-1.47		

Average Precipitation 26-Years 1910-1935 17.62

Estimated Average Precipitation 46-Years 1890-1935 17.8

<sup>#</sup> Partial record. \* No record. C Average used for missing months record.

Annual precipitation figures from U. S. Weather Bureau, except as noted.

Date	Particulars	Debit	Credit	Balance
1890				
Jan 1	Balance forward			100.00
Jan 15	Received from A. B.	50.00		150.00
Jan 20	Paid to C. D.	25.00		125.00
Jan 25	Received from E. F.		75.00	200.00
Jan 30	Paid to G. H.	100.00		100.00
Feb 5	Received from I. J.		50.00	150.00
Feb 10	Paid to K. L.	75.00		75.00
Feb 15	Received from M. N.		25.00	100.00
Feb 20	Paid to O. P.	50.00		50.00
Feb 25	Received from Q. R.		75.00	125.00
Feb 28	Paid to S. T.	25.00		100.00
Mar 5	Received from U. V.		50.00	150.00
Mar 10	Paid to W. X.	75.00		75.00
Mar 15	Received from Y. Z.		25.00	100.00
Mar 20	Paid to A. B.	50.00		50.00
Mar 25	Received from C. D.		75.00	125.00
Mar 30	Paid to E. F.	25.00		100.00
Apr 5	Received from G. H.		50.00	150.00
Apr 10	Paid to I. J.	75.00		75.00
Apr 15	Received from K. L.		25.00	100.00
Apr 20	Paid to M. N.	50.00		50.00
Apr 25	Received from O. P.		75.00	125.00
Apr 30	Paid to Q. R.	25.00		100.00
May 5	Received from S. T.		50.00	150.00
May 10	Paid to U. V.	75.00		75.00
May 15	Received from W. X.		25.00	100.00
May 20	Paid to Y. Z.	50.00		50.00
May 25	Received from A. B.		75.00	125.00
May 30	Paid to C. D.	25.00		100.00
Jun 5	Received from E. F.		50.00	150.00
Jun 10	Paid to G. H.	75.00		75.00
Jun 15	Received from I. J.		25.00	100.00
Jun 20	Paid to K. L.	50.00		50.00
Jun 25	Received from M. N.		75.00	125.00
Jun 30	Paid to O. P.	25.00		100.00
Jul 5	Received from Q. R.		50.00	150.00
Jul 10	Paid to S. T.	75.00		75.00
Jul 15	Received from U. V.		25.00	100.00
Jul 20	Paid to W. X.	50.00		50.00
Jul 25	Received from Y. Z.		75.00	125.00
Jul 30	Paid to A. B.	25.00		100.00
Aug 5	Received from C. D.		50.00	150.00
Aug 10	Paid to E. F.	75.00		75.00
Aug 15	Received from G. H.		25.00	100.00
Aug 20	Paid to I. J.	50.00		50.00
Aug 25	Received from K. L.		75.00	125.00
Aug 30	Paid to M. N.	25.00		100.00
Sep 5	Received from O. P.		50.00	150.00
Sep 10	Paid to Q. R.	75.00		75.00
Sep 15	Received from S. T.		25.00	100.00
Sep 20	Paid to U. V.	50.00		50.00
Sep 25	Received from W. X.		75.00	125.00
Sep 30	Paid to Y. Z.	25.00		100.00
Oct 5	Received from A. B.		50.00	150.00
Oct 10	Paid to C. D.	75.00		75.00
Oct 15	Received from E. F.		25.00	100.00
Oct 20	Paid to G. H.	50.00		50.00
Oct 25	Received from I. J.		75.00	125.00
Oct 30	Paid to K. L.	25.00		100.00
Nov 5	Received from M. N.		50.00	150.00
Nov 10	Paid to O. P.	75.00		75.00
Nov 15	Received from Q. R.		25.00	100.00
Nov 20	Paid to S. T.	50.00		50.00
Nov 25	Received from U. V.		75.00	125.00
Nov 30	Paid to W. X.	25.00		100.00
Dec 5	Received from Y. Z.		50.00	150.00
Dec 10	Paid to A. B.	75.00		75.00
Dec 15	Received from C. D.		25.00	100.00
Dec 20	Paid to E. F.	50.00		50.00
Dec 25	Received from G. H.		75.00	125.00
Dec 30	Paid to I. J.	25.00		100.00

THE BALANCE OF THE ACCOUNT IS AS FOLLOWS:  
 DEBITED TO THE CREDIT OF THE ACCOUNT  
 BY THE CASHIER OF THE BANK OF AMERICA  
 NEW YORK AND BROOKLYN  
 JANUARY 1, 1891

DILLON, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 26-YEAR PERIOD

1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.88	0.14	1.11
Feb.	3.23	0.10	1.21
Mar.	4.81	0.10	1.78
Apr.	6.01	0.28	2.01
May	4.14	0.31	1.55
June	2.83	0.00	0.91
July	5.64	0.53	2.11
Aug.	4.13	0.15	1.72
Sept.	5.80	0.11	1.47
Oct.	4.98	0.18	1.48
Nov.	2.29	0.02	1.03
Dec.	3.33	0.09	<u>1.24</u>
Annual.....			17.62

MONTHLY MEAN TEMPERATURE

FOR THE 23-YEAR PERIOD

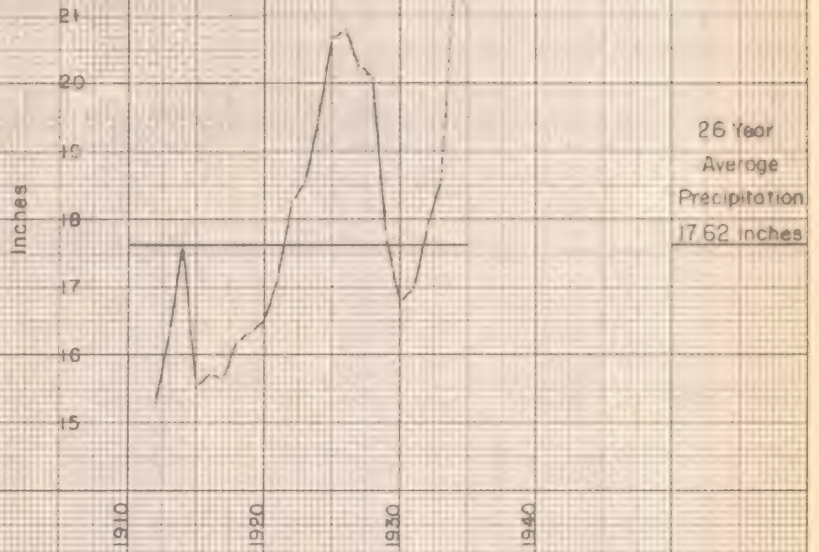
1913 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	20.6	4.1	12.9
Feb.	23.4	7.6	15.3
Mar.	28.4	13.7	20.7
Apr.	37.6	24.4	31.3
May	47.7	35.2	41.3
June	52.6	45.9	48.9
July	71.2	52.4	54.9
Aug.	62.6	50.4	53.2
Sept.	51.6	43.0	46.5
Oct.	39.4	31.4	35.6
Nov.	28.8	17.0	23.3
Dec.	23.4	7.0	<u>15.9</u>
Annual.....			33.2





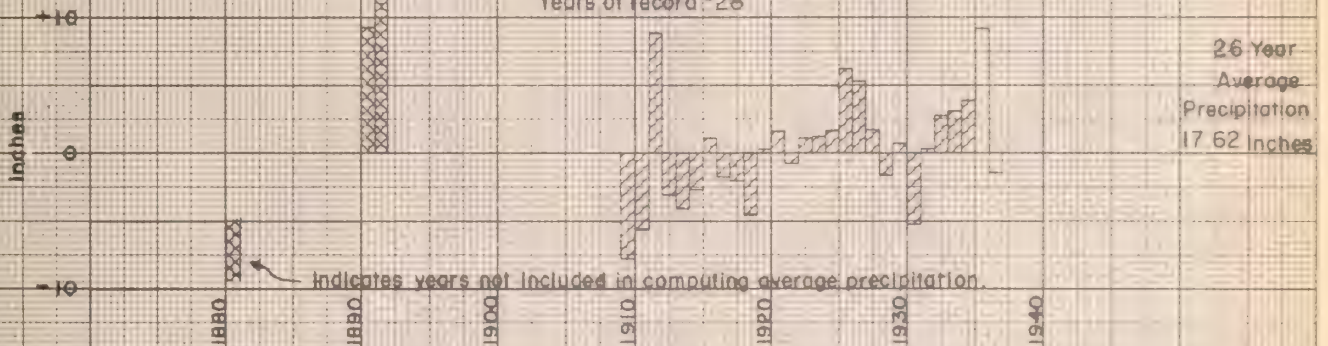
# DILLON, COLO. 5 Year Moving Average Precipitation 1910-1935



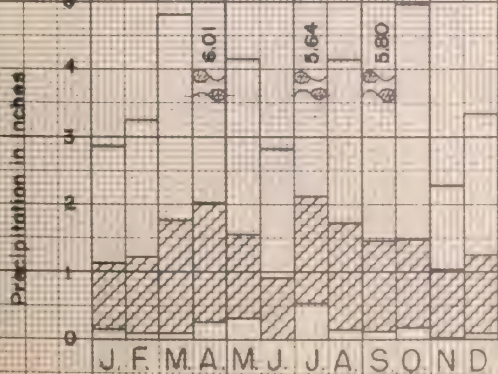
COLORADO STATE PLANNING COMMISSION

S.W. 10-25-37

## DILLON, COLO. Departure from Average Precipitation 1891-1935 Years of record - 28

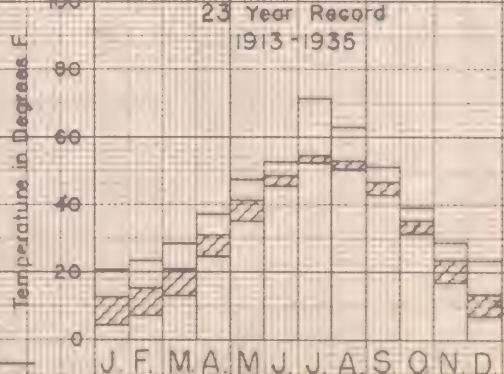


### Monthly Precipitation Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

### Monthly Mean Temperature Maximum, Average and Minimum 23 Year Record 1913-1935



— Month —

J. F. M. A. M. J. J. A. S. O. N. D.





# DURANGO, COLORADO

Elevation 6,529 Feet		La Plata County		Index No. W. 135	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1895	15.57	80	-3.90	-3.90	
96	15.08	77	-4.39	-8.29	
97	24.93	128	5.46	-2.83	17.27
98	16.27	84	-3.20	-6.03	16.13
99	14.49	74	-4.98	-11.01	14.89
1900	9.86	51	-9.61	-20.62	12.55
01	8.90	46	-10.57	-31.19	12.99
02	13.22	68	-6.25	-37.44	13.05
03	18.37	94	-1.10	-38.54	16.28
04	14.91	77	-4.56	-43.10	19.07
05	26.01	134	6.54	-36.56	20.56
06	22.85	117	3.38	-33.18	21.69
07	20.66	106	1.19	-31.99	23.49
08	24.00	123	4.53	-27.46	20.86
09	23.94	123	4.47	-22.99	23.15
1910	12.84	66	-6.63	-29.62	22.25
11	34.29	176	14.82	-14.80	22.00
12	16.18	83	-3.29	-18.09	21.94
13	22.74	117	3.27	-14.82	23.72
14	23.63	121	4.16	-10.66	23.16
15	21.75	112	2.28	-8.38	22.59
16	31.49	162	12.02	3.64	22.15
17	13.32	68	-6.15	-2.51	22.59
18	20.56	106	1.09	-1.42	22.78
19	25.81	132	6.34	4.92	21.80
1920	22.72	117	3.25	8.17	23.41
21	26.57	136	7.10	15.27	23.32
22	21.41	110	1.94	17.21	20.80
23	20.07	103	0.60	17.81	20.59
24	13.25	68	-6.22	11.59	19.60
25	21.64	111	2.17	13.76	20.80
26	21.62	111	2.15	15.91	20.62
27	27.41	141	7.94	23.85	21.73
28	19.20	99	-0.27	23.58	20.67
29	18.80	97	-0.67	22.91	19.09
1930	16.30	84	-3.17	19.74	16.80



DURANGO, COLORADO  
(Continued)

Elevation 6,589 Feet		La Plata County		Index No. W. 135	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1931	13.72	70	-5.75	13.99	15.73
32	15.96	82	-3.51	10.48	14.50
33	13.85	71	-5.62	4.86	15.51
34	12.68	65	-6.79	-1.93	16.21
35	21.36	110	1.89	-0.04	16.66
36	17.20	88	-2.27		
37	18.22	94	-1.25		

Average Precipitation 41-Years 1895-1935 19.47

Estimated Average Precipitation 46-Years 1890-1935 19.3

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 41-YEAR PERIOD  
1895 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 41-YEAR PERIOD  
1895 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	6.94	0.08	1.55
Feb.	7.02	0.24	1.68
Mar.	4.83	T	1.73
Apr.	5.54	0.00	1.49
May.	3.22	0.00	1.16
June	5.53	T	0.83
July	5.21	0.02	2.13
Aug.	4.95	0.31	2.24
Sept.	7.36	0.04	1.89
Oct.	6.99	T	1.81
Nov.	4.08	0.00	1.34
Dec.	7.37	0.00	1.62

Annual.....19.47

Month	Max.	Min.	Average
Jan.	32.9	17.7	24.8
Feb.	38.7	19.1	30.1
Mar.	44.4	26.2	37.2
Apr.	50.9	41.0	45.2
May	57.8	47.4	52.5
June	69.0	56.8	60.8
July	70.3	61.2	6.70
Aug.	69.8	60.6	65.7
Sept.	62.3	53.9	58.5
Oct.	52.2	43.6	48.0
Nov.	41.8	31.4	36.9
Dec.	34.0	16.6	26.0

Annual.....46.1

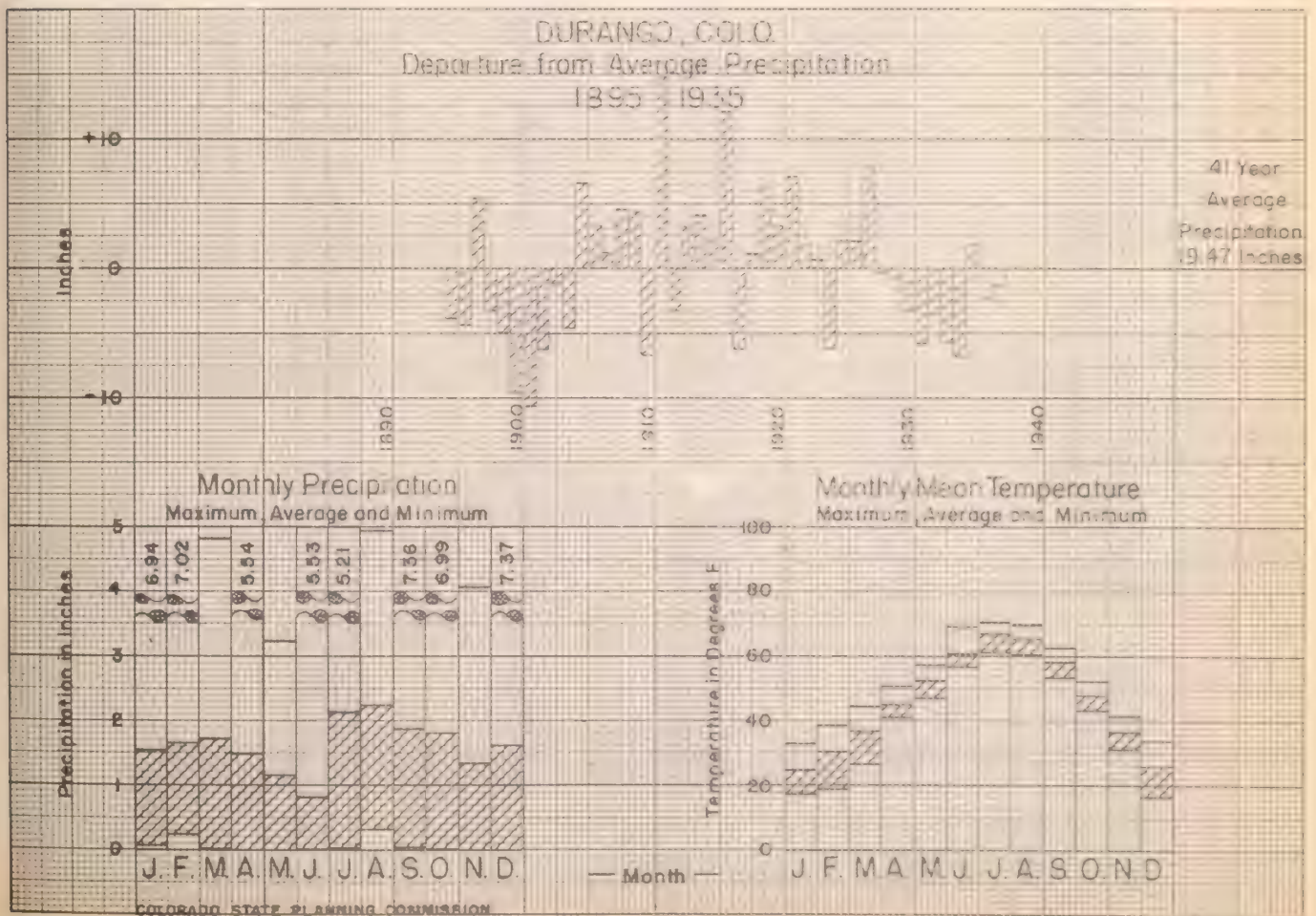
T - Less than 0.01 inch.



Year	Total population	Total population	Total population	Total population	Total population
1900	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
1910	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
1920	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
1930	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
1940	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
1950	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
1960	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000
1970	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000
1980	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
1990	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000
2000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000

These figures are based on the 1990 census and are subject to revision as more data becomes available. The figures are presented in thousands of persons.

Year	Total population	Total population	Total population	Total population	Total population
1900	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
1910	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000
1920	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000
1930	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000
1940	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
1950	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
1960	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000
1970	2,400,000	2,400,000	2,400,000	2,400,000	2,400,000
1980	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
1990	2,800,000	2,800,000	2,800,000	2,800,000	2,800,000
2000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000







FORT COLLINS, COLORADO

Elevation 4,985 Feet		Larimer County		Index No. N. 2. 26	
Year	Annual Precipitation In Inches	Per Cent of 49-Yr. Average	Departure From 49-Yr. Average	Cumulative Departure From 49-Yr. Average	Five-Year Moving Average
1873	9.10	62	-5.63		
74	10.57	72	-4.16		
*					
79 $\frac{1}{2}$					
1880	11.50	78	-3.23		
81 $\frac{1}{2}$					
82	16.23	110	1.50		
83	19.02	129	4.29		
84	19.63	133	4.90		
85 $\frac{1}{2}$					
86 $\frac{1}{2}$					
87	11.92	81	-2.81	-2.81	
88	9.79	67	-4.94	-7.75	
89	14.48	98	-0.25	-8.00	13.02
1890	11.41	77	-3.32	-11.32	13.35
91	17.50	119	2.77	-8.55	12.52
92	13.58	92	-1.15	-9.70	12.10
93	5.65	38	-9.08	-18.78	13.43
94	12.35	84	-2.38	-21.16	13.08
95	18.07	123	3.34	-17.82	13.41
96	15.76	107	1.03	-16.79	14.49
97	15.24	104	0.51	-16.28	15.26
98	11.03	75	-3.70	-19.98	15.49
99	16.19	110	1.46	-18.52	16.57
1900	19.21	130	4.48	-14.04	17.21
01	21.17	144	6.44	-7.60	17.33
02	18.43	125	3.70	-3.90	16.71
03	11.63	79	-3.10	-7.00	16.84
04	13.13	89	-1.60	-8.60	16.53
05	19.85	135	5.12	-3.48	15.23
06	19.88	135	5.15	1.67	16.34
07	11.64	79	-3.09	-1.42	16.97
08	17.22	117	2.49	1.07	15.58
09	16.24	110	1.51	2.58	13.78
1910	12.92	88	-1.81	0.77	15.38
11	10.89	74	-3.84	-3.07	15.10
12	19.61	133	4.88	1.81	14.72
13	15.85	108	1.12	2.93	16.69
14	14.31	97	-0.42	2.51	17.14
15	22.79	155	8.06	10.57	15.96

Year	Month	Day	Time	Place	Remarks
------	-------	-----	------	-------	---------

1901-1902

1901-1902

1901-1902

1901-1902

1901-1902

1901-1902

FORT COLLINS, COLORADO  
(Continued)

Elevation 4,985 Feet		Larimer County		Index No. N. E. 26	
Year	Annual Precipitation In Inches	Per Cent of 49-Yr. Average	Departure From 49-Yr. Average	Cumulative Departure From 49-Yr. Average	Five-Year Moving Average
1916	13.15	89	-1.58	8.99	17.15
17	13.72	93	-1.01	7.98	16.47
18	21.79	148	7.06	15.04	14.25
19	10.92	74	-3.81	11.23	14.58
1920	11.65	79	-3.08	8.15	13.83
21	14.83	101	0.10	8.25	14.99
22	9.98	68	-4.75	3.50	14.93
23	27.57	187	12.84	16.34	15.50
24	10.64	72	-4.09	12.25	15.24
25	14.46	98	-0.27	11.98	16.40
26	13.57	92	-1.16	10.82	13.60
27	15.77	107	1.04	11.86	14.28
28	13.54	92	-1.19	10.67	14.43
29	14.08	96	-0.65	10.02	13.69
1930	15.17	103	0.44	10.46	13.09
31	9.88	67	-4.85	5.61	13.52
32	12.80	87	-1.93	3.68	12.47
33	15.65	106	0.92	4.60	12.63
34	8.87	60	-5.86	-1.26	13.02
35	15.95	103	1.22	-0.04	13.04
36	11.81	80	-2.92		
37	12.93	88	-1.80		

Average Precipitation    49-Years    1887-1935    14.73

Estimated Average Precipitation    56-Years    1880-1935    14.9

# Partial Record.

Annual precipitation figures from U. S. Weather Bureau.

• NO RECORD.



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DATE	DESCRIPTION	AMOUNT	BALANCE
1891	...	...	...
1892	...	...	...
1893	...	...	...
1894	...	...	...
1895	...	...	...
1896	...	...	...
1897	...	...	...
1898	...	...	...
1899	...	...	...
1900	...	...	...
1901	...	...	...
1902	...	...	...
1903	...	...	...
1904	...	...	...
1905	...	...	...
1906	...	...	...
1907	...	...	...
1908	...	...	...
1909	...	...	...
1910	...	...	...
1911	...	...	...
1912	...	...	...
1913	...	...	...
1914	...	...	...
1915	...	...	...
1916	...	...	...
1917	...	...	...
1918	...	...	...
1919	...	...	...
1920	...	...	...
1921	...	...	...
1922	...	...	...
1923	...	...	...
1924	...	...	...
1925	...	...	...
1926	...	...	...
1927	...	...	...
1928	...	...	...
1929	...	...	...
1930	...	...	...
1931	...	...	...
1932	...	...	...
1933	...	...	...
1934	...	...	...
1935	...	...	...
1936	...	...	...
1937	...	...	...
1938	...	...	...
1939	...	...	...
1940	...	...	...
1941	...	...	...
1942	...	...	...
1943	...	...	...
1944	...	...	...
1945	...	...	...
1946	...	...	...
1947	...	...	...
1948	...	...	...
1949	...	...	...
1950	...	...	...
1951	...	...	...
1952	...	...	...
1953	...	...	...
1954	...	...	...
1955	...	...	...
1956	...	...	...
1957	...	...	...
1958	...	...	...
1959	...	...	...
1960	...	...	...
1961	...	...	...
1962	...	...	...
1963	...	...	...
1964	...	...	...
1965	...	...	...
1966	...	...	...
1967	...	...	...
1968	...	...	...
1969	...	...	...
1970	...	...	...
1971	...	...	...
1972	...	...	...
1973	...	...	...
1974	...	...	...
1975	...	...	...
1976	...	...	...
1977	...	...	...
1978	...	...	...
1979	...	...	...
1980	...	...	...
1981	...	...	...
1982	...	...	...
1983	...	...	...
1984	...	...	...
1985	...	...	...
1986	...	...	...
1987	...	...	...
1988	...	...	...
1989	...	...	...
1990	...	...	...
1991	...	...	...
1992	...	...	...
1993	...	...	...
1994	...	...	...
1995	...	...	...
1996	...	...	...
1997	...	...	...
1998	...	...	...
1999	...	...	...
2000	...	...	...

FORT COLLINS, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 49-YEAR PERIOD

1887 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.32	0.00	0.32
Feb.	1.65	0.03	0.60
Mar.	3.35	0.05	1.03
Apr.	10.56	0.05	2.00
May	7.47	0.45	2.88
June	6.23	0.05	1.50
July	4.95	0.10	1.70
Aug.	5.45	0.05	1.40
Sept.	7.12	0.02	1.27
Oct.	3.55	0.00	1.09
Nov.	*1.80	0.00	0.48
Dec.	4.08	0.00	<u>0.46</u>
Annual.....			14.73

MONTHLY MEAN TEMPERATURE

FOR THE 48-YEAR PERIOD

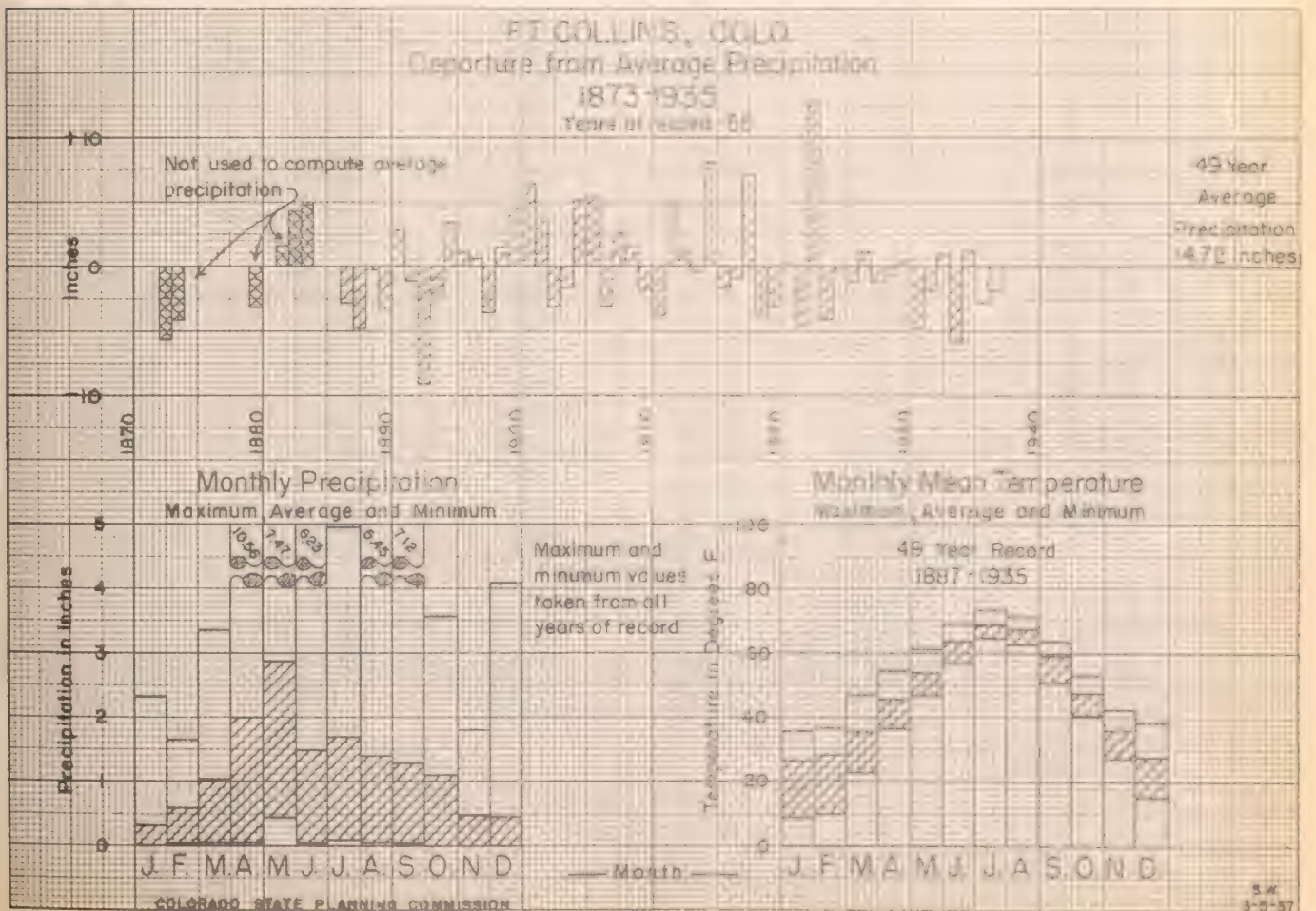
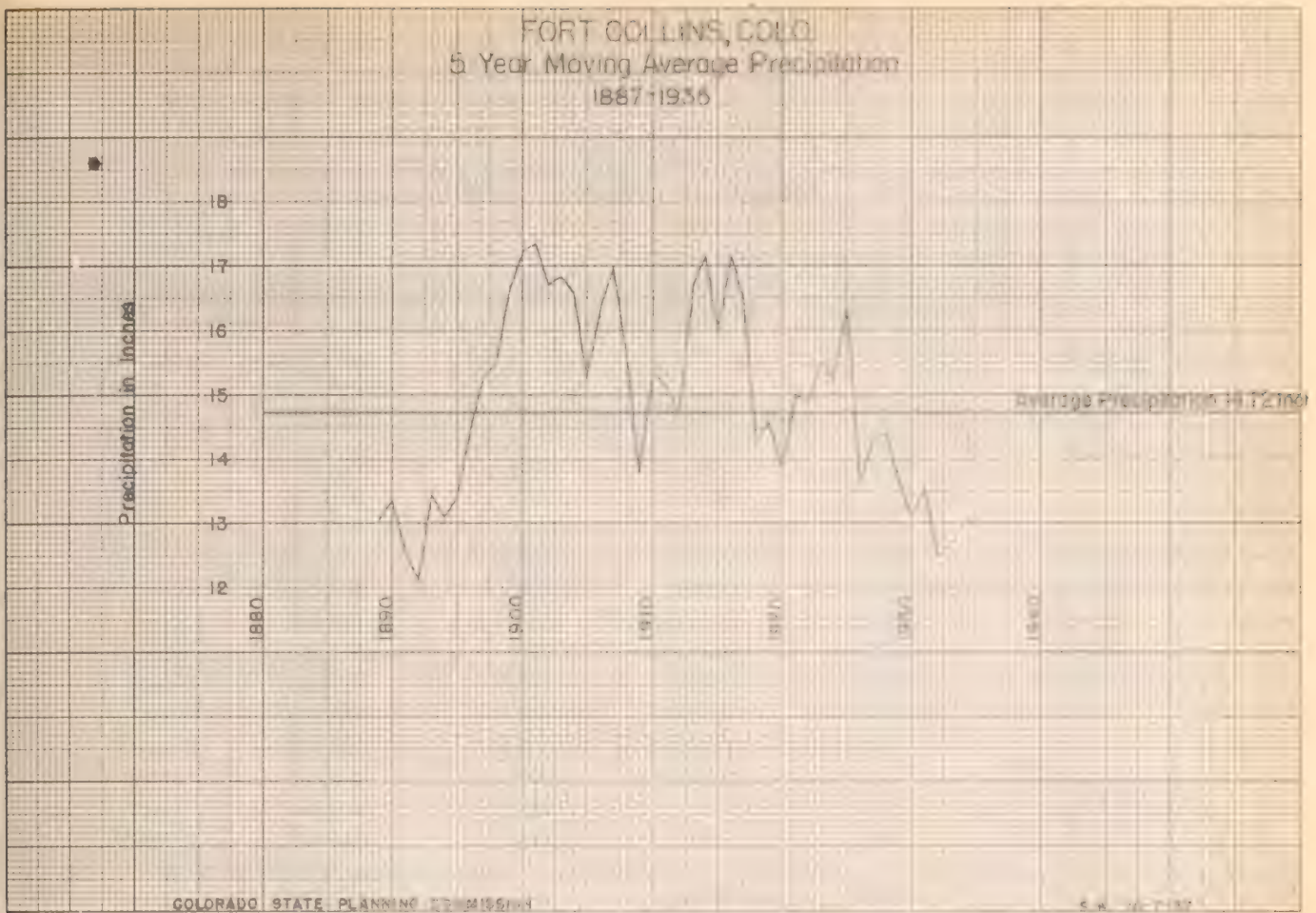
1888 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	35.7	9.0	26.1
Feb.	36.7	10.0	28.1
Mar.	47.1	22.8	35.8
Apr.	54.6	36.6	45.7
May	61.0	46.9	54.0
June	68.9	57.3	63.5
July	73.7	64.7	68.8
Aug.	71.2	62.7	67.5
Sept.	63.7	51.2	59.2
Oct.	53.3	40.4	47.9
Nov.	42.3	27.6	36.1
Dec.	38.5	15.4	<u>27.7</u>
Annual.....			46.7

\* Not included in years used to obtain average.









PORT HORN, COLORADO

Elevation 4,319 Feet		Morgan County		Index No. K. L. 43	
Year	Annual Precipitation In Inches	Per Cent of 47-Yr. Average	Departure From 47-Yr. Average	Cumulative Departure From 47-Yr. Average	Five-Year Moving Average
1989	13.52	98	-0.28	-0.28	
90	9.57	69	-4.23	-4.51	
91	21.52	156	7.72	3.21	14.02
92	16.82	122	3.02	6.23	13.15
93	8.66	63	-5.14	1.09	14.59
94	9.19	67	-4.61	-3.52	12.82
95	16.75	121	2.95	-0.57	12.93
96	12.67	92	-1.13	-1.70	13.58
97	17.36	126	3.56	1.86	13.33
98	10.94	79	-2.86	-1.00	13.30
99	8.95	65	-4.85	-5.85	13.05
1900	16.58	120	2.78	-3.07	12.58
01	11.42	83	-2.38	-5.45	12.14
02	15.02	109	1.22	-4.23	12.90
03	8.74	63	-5.06	-9.29	13.38
04	12.76	93	-1.04	-10.33	14.05
05	18.95	136	5.15	-5.18	13.65
06	14.80	107	1.00	-4.18	15.14
07	13.01	94	-0.79	-4.97	15.36
08	16.16	117	2.36	-2.61	13.53
09	13.38	101	0.08	-2.53	12.63
1910	9.30	71	-4.00	-6.53	13.74
11	10.31	75	-3.49	-10.02	14.39
12	18.53	134	4.73	-5.29	14.99
13	19.45	141	5.65	0.56	18.33
14	16.84	122	3.04	3.40	18.08
15	26.51	192	12.71	16.11	18.31
16	13.07	95	-0.73	15.38	17.18
17	15.68	114	1.88	17.26	16.88
18	13.79	100	-0.01	17.25	14.13
19	15.33	111	1.53	18.73	13.84
1920	12.80	93	-1.00	17.78	13.06
21	11.61	84	-2.19	15.59	13.21
22	11.75	85	-2.55	13.54	12.50
23	14.54	105	0.74	14.28	12.17
24	10.78	78	-3.02	11.26	12.25
25	12.18	88	-1.62	9.64	12.94





FORT MORGAN, COLORADO  
(Continued)

Elevation 4,319 Feet			Morgan County		Index No. N. E. 43
Year	Annual Precipitation In Inches	Per Cent of 47-Yr. Average	Departure From 47-Yr. Average	Cumulative Departure From 47-Yr. Average	Five-Year Moving Average
1926	11.98	87	-1.82	7.82	12.85
27	15.20	110	1.40	9.22	13.84
28	14.12	102	0.32	9.54	13.96
29	15.71	114	1.91	11.45	13.58
1930	12.77	93	-1.03	10.42	12.73
31	10.09	73	-3.71	6.71	12.85
32	10.96	79	-2.84	3.87	10.99
33	14.70	107	0.90	4.77	11.72
34	6.41	47	-7.39	-2.62	12.62
35	16.46	119	2.66	0.04	12.41
36	14.55	105	0.75		
37	9.91	72	-3.89		

Average Precipitation      47-Years      1889-1935      13.80

Estimated Average Precipitation      56-Years      1880-1935      13.8

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 47-YEAR PERIOD  
1889 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 39-YEAR PERIOD  
1897 TO 1935, INCLUSIVE

Month	Max.	Min.	Average	Month	Max.	Min.	Average
Jan.	2.03	0.00	0.22	Jan.	33.5	5.7	24.0
Feb.	2.35	0.00	0.35	Feb.	36.6	10.2	28.4
Mar.	3.02	0.00	0.67	Mar.	49.2	22.2	36.7
Apr.	9.98	0.06	1.85	Apr.	54.0	36.3	46.7
May	8.67	0.43	<del>2.41</del> 2.37	May	62.8	47.5	56.0
June	4.81	0.07	<del>1.77</del> 1.81	June	73.0	59.4	66.3
July	5.62	T	2.37	July	77.0	67.0	71.8
Aug.	5.36	0.23	1.63	Aug.	74.0	64.8	70.4
Sept.	3.91	0.00	1.01	Sept.	66.2	54.8	61.2
Oct.	2.47	0.00	0.84	Oct.	55.8	40.6	49.0
Nov.	2.31	0.00	0.33	Nov.	43.6	20.1	36.2
Dec.	2.51	0.00	0.35	Dec.	35.0	13.9	24.4

Annual.....13.80

Annual.....47.6

T - Less than 0.01 inch.





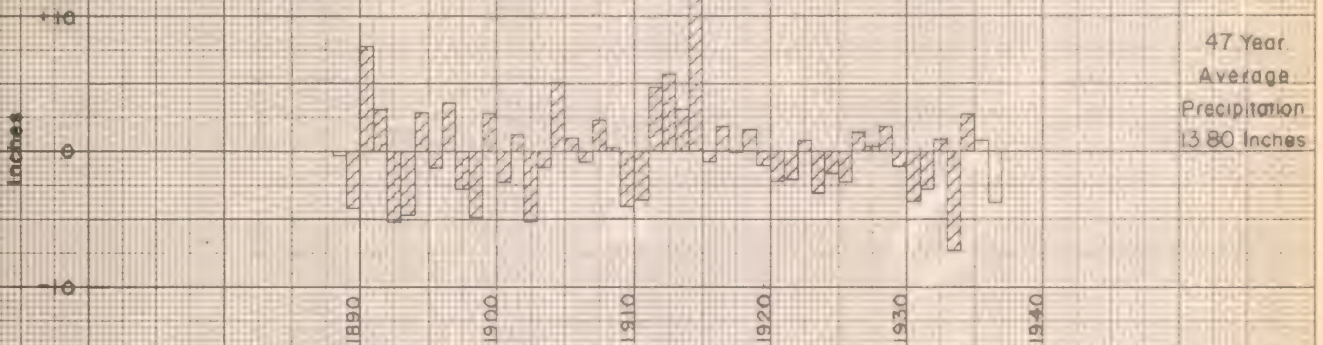
# FORT MORGAN, COLO. 5 Year Moving Average Precipitation 1889-1935



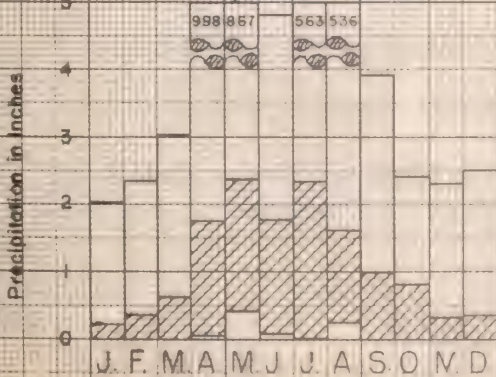
COLORADO STATE PLANNING COMMISSION

S.W. 10-26-37

## FORT MORGAN, COLO. Departure from Average Precipitation 1889-1935

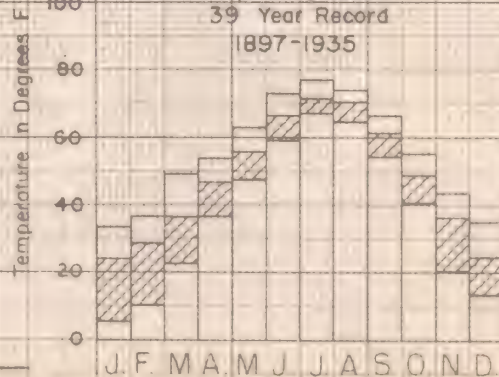


### Monthly Precipitation Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

### Monthly Mean Temperature Maximum, Average and Minimum



S.W.  
2-27-37





# FRASER, COLORADO

Elevation 8,671 Feet		Grand County		Index No. W. 25	
Year	Annual Precipitation In Inches	Per Cent of 26-Yr. Average	Departure From 26-Yr. Average	Cumulative Departure From 26-Yr. Average	Five-Year Moving Average
1910	12.72	63	-7.58	-7.58	
11	17.82	88	-2.48	-10.06	
12	20.58	101	0.28	-9.78	16.69
13	19.19	94	-1.11	-10.89	17.92
14	13.13	65	-7.17	-18.06	19.76
15	18.86	93	-1.44	-19.50	19.67
16	27.03	133	6.73	-12.77	20.32
17	20.12	99	-0.18	-12.95	21.22
18	22.48	111	2.18	-10.77	22.03
19	17.62	87	-2.68	-13.45	21.78
1920	22.90	113	2.60	-10.85	22.04
21	25.77	127	5.47	-5.38	21.75
22	21.41	105	1.11	-4.27	22.06
23	21.05	104	0.75	-3.52	21.65
24	19.15	94	-1.15	-4.67	20.81
25	20.86	103	0.56	-4.11	22.06
26	21.60	106	1.30	-2.81	21.63
27	27.65	136	7.35	4.54	22.49
28	18.90	93	-1.40	3.14	23.25
29	23.42	115	3.12	6.26	22.44
1930	24.66	121	4.36	10.62	21.12
31	17.59	87	-2.71	7.91	21.37
32	21.05	104	0.75	8.66	20.01
33	20.13	99	-0.17	8.49	18.21
34	16.63	82	-3.67	4.82	18.44
35	15.66	77	-4.64	0.18	16.98
36	18.74	92	-1.56		
37	13.72	68	-6.58		

Average Precipitation 26-Years 1910-1935 20.30

Estimated Average Precipitation 46-Years 1890-1935 19.7

© Average used for missing months.

Annual precipitation figures from U. S. Weather Bureau, except as noted.



# TABLE 1

STATION		DATE		TIME	
NO.	NAME	DAY	MONTH	HOUR	MIN.
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
25	...	...	...	...	...
26	...	...	...	...	...
27	...	...	...	...	...
28	...	...	...	...	...
29	...	...	...	...	...
30	...	...	...	...	...
31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...
37	...	...	...	...	...
38	...	...	...	...	...
39	...	...	...	...	...
40	...	...	...	...	...
41	...	...	...	...	...
42	...	...	...	...	...
43	...	...	...	...	...
44	...	...	...	...	...
45	...	...	...	...	...
46	...	...	...	...	...
47	...	...	...	...	...
48	...	...	...	...	...
49	...	...	...	...	...
50	...	...	...	...	...

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FRASER, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 26-YEAR PERIOD  
1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	4.05	0.15	1.51
Feb.	3.00	0.36	1.63
Mar.	4.39	0.35	1.91
Apr.	6.33	0.70	2.29
May	3.67	0.30	1.93
June	2.85	0.01	1.32
July	4.76	0.09	2.41
Aug.	3.46	0.31	1.67
Sept.	3.57	0.54	1.53
Oct.	3.95	0.17	1.50
Nov.	3.64	0.15	1.15
Dec.	3.90	0.30	<u>1.45</u>
Annual.....			20.30

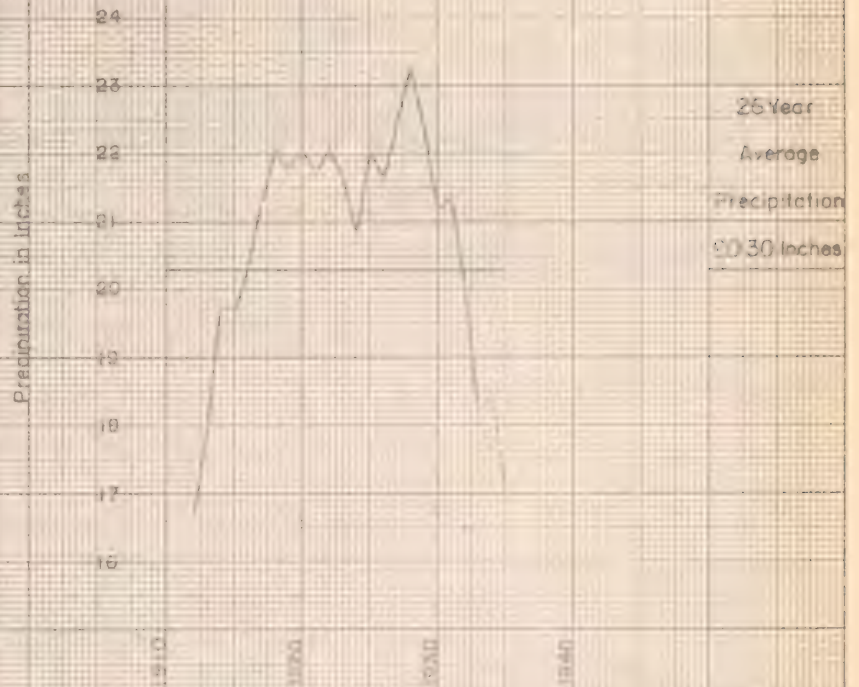
MONTHLY MEAN TEMPERATURE  
FOR THE 26-YEAR PERIOD  
1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	16.8	5.7	11.6
Feb.	24.4	8.8	15.5
Mar.	29.2	13.4	20.8
Apr.	35.3	24.2	30.7
May	46.6	35.2	39.9
June	51.9	44.7	48.3
July	57.2	51.0	53.5
Aug.	54.9	48.5	51.4
Sept.	49.2	38.2	45.1
Oct.	38.6	31.0	35.0
Nov.	29.0	15.7	23.2
Dec.	21.8	3.3	<u>12.5</u>
Annual.....			32.3





# FRASER, COLO 5 Year Moving Average Precipitation 1910-1935



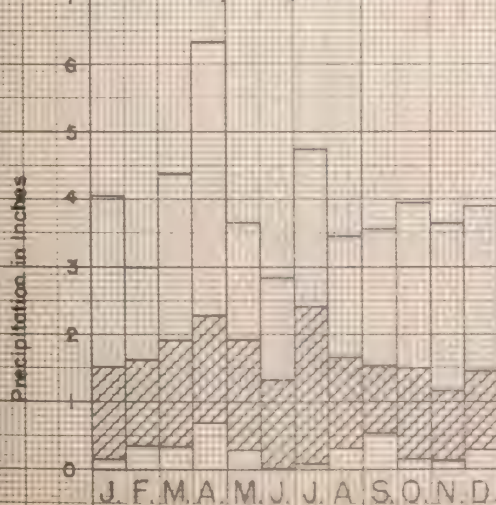
COLORADO STATE PLANNING COMMISSION

S.W. 10-25-37

## FRASER, COLO Departure from Average Precipitation 1910-1935



## Monthly Precipitation Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

## Monthly Mean Temperature Maximum, Average and Minimum





GLENWOOD SPRINGS, COLORADO

Elevation 5,823 Feet		Garfield County		Index No. W. 38	
Year	Annual Precipitation In Inches	Per Cent of 34-Yr. Average	Departure from 34-Yr. Average	Cumulative Departure From 34-Yr. Average	Five-Year Moving Average
1889	17.59	115	2.34		
1890#					
*					
93-94#					
*					
99-00#					
01#					
02	9.76	64	-5.49	-5.49	
03	10.88	72	-4.37	-9.86	
04	10.42	68	-4.83	-14.69	11.49
05	11.17	73	-4.08	-18.77	12.32
06	15.21	100	-0.04	-18.81	12.21
07	13.93	91	-1.32	-20.13	13.24
08	10.34	68	-4.91	-25.04	13.42
09C	15.57	102	0.32	-24.72	13.15
1910	12.07	79	-3.18	-27.90	12.99
11	13.86	91	-1.39	-29.29	12.87
12	13.13	86	-2.12	-31.41	12.70
13	9.71	64	-5.54	-36.95	12.63
14C	14.73	97	-0.52	-37.47	13.25
15C	11.74	77	-3.51	-40.98	12.74
16	16.94	111	1.69	-39.29	13.43
17	10.60	70	-4.65	-43.94	13.71
18	13.15	86	-2.10	-46.04	13.16
19C	16.12	106	0.87	-45.17	16.49
1920	18.99	125	3.74	-41.43	18.05
21	23.59	154	8.34	-33.09	13.54
22	18.38	120	3.13	-29.96	13.47
23	15.63	102	0.38	-29.58	17.80
24	15.74	103	0.49	-29.09	16.33
25C	15.65	103	0.40	-28.69	17.25
26	16.24	106	0.99	-27.70	16.44
27	22.99	151	7.74	-19.96	16.89
28	11.59	76	-3.66	-23.62	17.52
29	18.00	118	2.75	-20.87	13.37
1930	18.80	123	3.55	-17.32	17.73





GLENWOOD SPRINGS, COLORADO  
(Continued)

Elevation 5,823 Feet			Garfield County		Index No. W. 38	
Year	Annual Precipitation In Inches	Per Cent of 34-Yr. Average	Departure From 34-Yr. Average	Cumulative Departure From 34-Yr. Average	Five-Year Moving Average	
1931	20.48	134	5.23	-12.09	19.06	
32	19.76	130	4.51	-7.58	18.78	
33	18.26	120	3.01	-4.57	18.70	
34	16.58	109	1.33	-3.24	18.52	
35	18.44	121	3.19	-0.05	19.39	
36	19.56	128	4.31			
37	24.12	158	8.87			

Average Precipitation      34-Years      1902-1935      15.25

Estimated Average Precipitation      46-Years      1890-1935      14.8

\* No record.    # Partial record.    @ Mean used for missing months record.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 34-YEAR PERIOD  
1902 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 33-YEAR PERIOD  
1903 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	2.94	0.32	1.35
Feb.	3.13	0.15	1.11
Mar.	4.13	*0.05	1.46
Apr.	*4.00	0.20	1.36
May	2.73	T	1.33
June	2.72	0.00	0.78
July	3.25	T	1.40
Aug.	3.93	0.39	1.66
Sept.	3.69	*T	1.58
Oct.	3.75	0.03	1.14
Nov.	2.48	0.00	0.97
Dec.	*3.87	0.20	1.11

Month	Max.	Min.	Average
Jan.	30.9	14.5	23.2
Feb.	39.6	17.2	28.7
Mar.	45.6	27.2	37.0
Apr.	51.5	40.0	45.5
May	61.6	46.8	53.8
June	67.6	56.2	61.8
July	73.0	62.8	67.6
Aug.	71.2	61.6	66.0
Sept.	63.8	50.2	58.6
Oct.	53.8	42.6	48.2
Nov.	40.0	31.6	36.1
Dec.	34.7	15.6	24.3

Annual.....15.25

Annual.....45.9

\* Not included in years used to obtain average.  
T - Less than 0.01 inch.





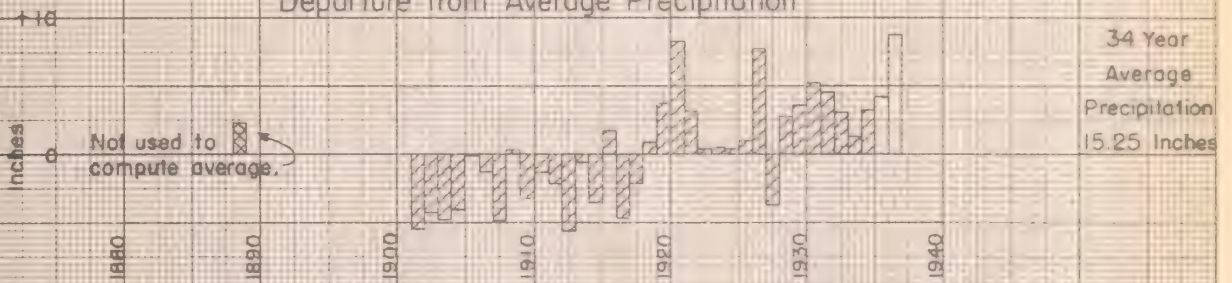
GLENWOOD SPRINGS, COLO.  
5 Year Moving Average Precipitation  
1902-1935



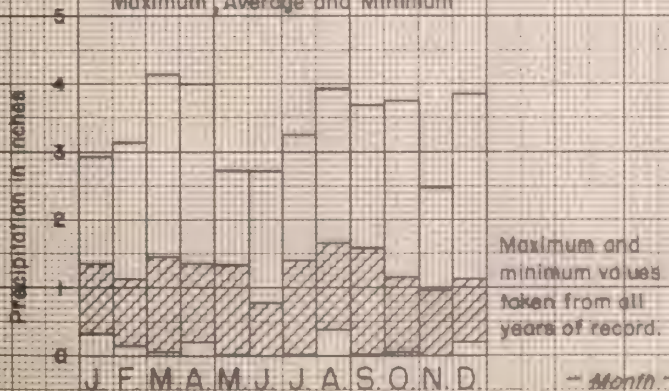
COLORADO STATE PLANNING COMMISSION

S.W. 10-26-37

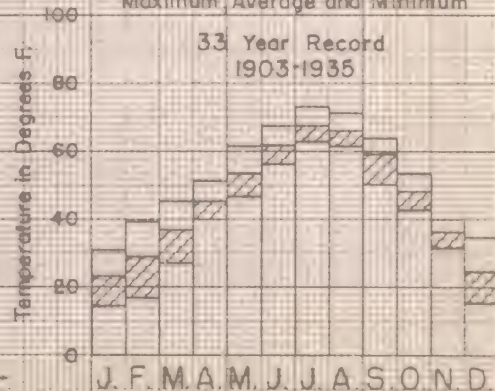
GLENWOOD SPRINGS, COLO.  
1889-1935  
Years of record - 35  
Departure from Average Precipitation



Monthly Precipitation  
Maximum, Average and Minimum



Monthly Mean Temperature  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. JANUARY 12, 1938





# GRAND JUNCTION, COLORADO

Elevation 4,602 Feet		Mesa County		Index No. W. 54	
Year	Annual Precipitation In Inches	Per Cent of 44-Yr. Average	Departure From 44-Yr. Average	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1892	8.43	97	-0.27	-0.27	
93	8.21	94	-0.49	-0.76	
94	6.04	70	-2.66	-3.42	8.35
95	10.85	125	2.15	-1.27	8.88
96	8.22	94	-0.48	-1.75	8.33
97	11.10	128	2.40	0.65	9.30
98	5.45	63	-3.25	-2.60	7.86
99	10.87	125	2.17	-0.43	7.85
1900	3.64	42	-5.06	-5.49	6.88
01	8.19	94	-0.51	-6.00	7.12
02	6.26	72	-2.44	-8.44	6.27
03	6.62	76	-2.08	-10.52	7.59
04	6.63	76	-2.07	-12.59	8.27
05	10.25	118	1.55	-11.04	8.90
06	11.61	134	2.91	-8.13	9.63
07	9.41	108	0.71	-7.42	9.69
08	10.23	118	1.53	-5.89	9.16
09	6.96	80	-1.74	-7.63	8.53
1910	7.61	88	-1.09	-8.72	8.45
11	8.42	97	-0.28	-9.00	7.86
12	9.04	104	0.34	-8.66	8.43
13	7.28	84	-1.42	-10.08	8.60
14	9.79	113	1.09	-8.99	8.86
15	8.45	97	-0.25	-9.24	8.25
16	9.74	111	1.04	-8.20	8.60
17	6.00	70	-2.70	-10.90	8.27
18	9.00	103	0.30	-10.60	8.44
19	8.15	94	-0.55	-11.15	8.61
1920	9.29	107	0.59	-10.56	8.79
21	10.61	122	1.91	-8.65	8.96
22	6.91	79	-1.79	-10.44	9.28
23	9.35	113	1.15	-9.29	9.42
24	9.76	112	1.06	-8.23	9.13
25	9.95	114	1.25	-6.98	10.50
26	9.20	106	0.50	-6.48	10.83
27	13.74	158	5.04	-1.44	11.06
28	11.50	132	2.80	1.36	10.97
29	10.90	125	2.20	3.56	11.00
1930	9.49	109	0.79	4.35	9.77





GRAND JUNCTION, COLORADO  
(Continued)

Elevation 4,602 Feet		Mesa County		Index No. W. 54	
Year	Annual Precipitation In Inches	Per Cent Of 44-Yr. Average	Departure From 44-Yr.	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1931	9.39	108	0.69	5.04	8.78
32	7.57	87	-1.13	3.91	8.21
33	6.52	75	-2.18	1.73	7.80
34	8.10	93	-0.60	1.13	7.52
35	7.40	85	-1.30	-0.17	7.73
36	7.99	92	-0.71		
37	8.63	99	-0.07		

Average Precipitation    44-Years    1892-1935    8.70

Estimated Average Precipitation    46-Years    1890-1935    8.7

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 44-YEAR PERIOD  
1892 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 44-YEAR PERIOD  
1892 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	1.73	0.05	0.57
Feb.	1.77	*T	0.59
Mar.	2.36	0.02	0.76
Apr.	1.78	0.13	0.77
May	2.74	0.03	0.80
June	1.81	*T	0.39
July	2.72	*T	0.67
Aug.	3.65	0.02	1.11
Sept.	3.78	*T	0.92
Oct.	3.43	*T	0.92
Nov.	2.39	*T	0.62
Dec.	1.78	*T	0.58

Annual.....8.70

Month	Max.	Min.	Average
Jan.	35.0	13.4	25.4
Feb.	43.4	15.3	33.2
Mar.	50.2	36.2	43.3
Apr.	59.0	45.6	52.4
May	68.9	55.1	61.3
June	77.2	66.8	71.8
July	82.6	74.7	77.9
Aug.	78.3	72.0	75.4
Sept.	71.2	60.1	66.5
Oct.	59.7	48.4	53.4
Nov.	45.1	35.0	40.1
Dec.	36.4	15.6	27.5

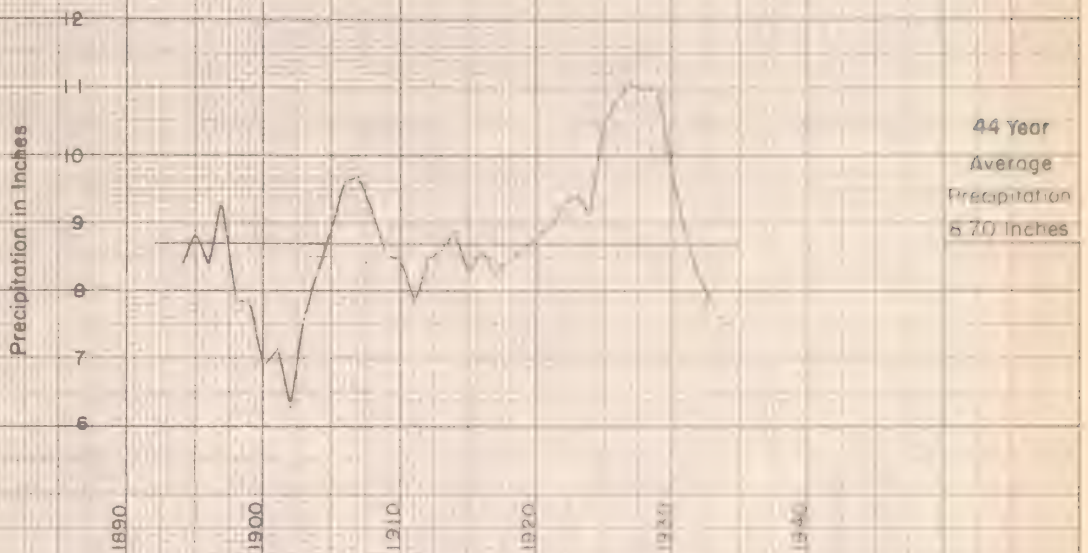
Annual.....52.4

\*T - Indicates only a trace.





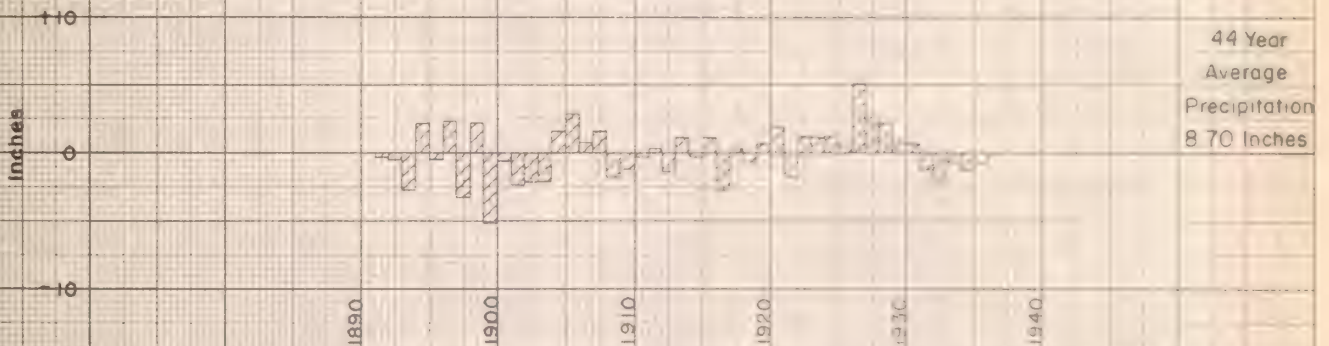
# GRAND JUNCTION, COLO. 5 Year Moving Average Precipitation 1892-1935



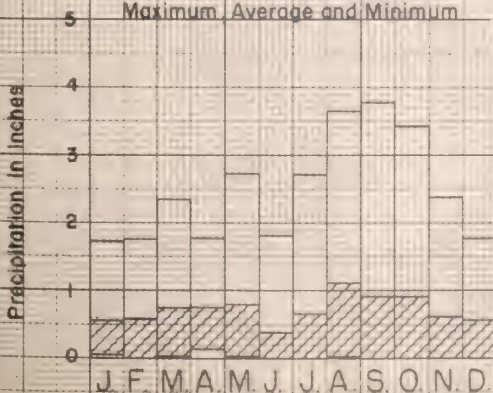
COLORADO STATE PLANNING COMMISSION

S.W. 10-26-37

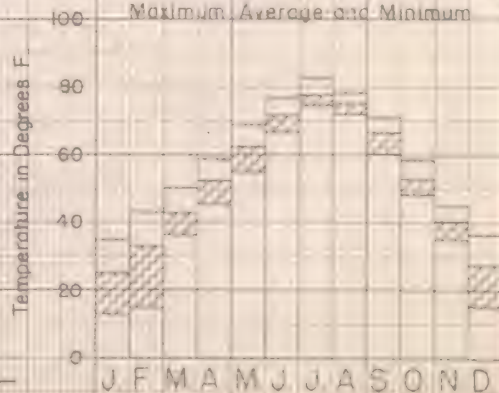
## GRAND JUNCTION, COLO. Departure from Average Precipitation 1892-1935



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. 10-18-37



# GUNNISON, COLORADO

Elevation 7,670 Feet		Gunnison County		Index No. 71	
Year	Annual Precipitation In Inches	Per Cent of 42-Yr. Average	Departure From 42-Yr. Average	Cumulative Departure From 42-Yr. Average	Five-Year Moving Average
1889	10.02	98	-0.19		
1890#					
91*					
92*					
93#					
94	7.46	73	-2.75	-2.75	
95	12.32	122	2.11	-0.64	
96	6.75	66	-3.46	-4.10	9.38
97	12.55	123	2.34	-1.76	9.84
98	7.81	77	-2.40	-4.16	8.72
99	9.76	96	-0.45	-4.61	8.74
1900	6.73	66	-3.48	-8.09	8.13
01	6.86	67	-3.35	-11.44	8.56
02	9.50	93	-0.71	-12.15	8.53
03	9.94	97	-0.27	-12.42	8.89
04	9.61	94	-0.60	-13.02	10.21
05	8.56	84	-1.65	-14.67	10.71
06	13.45	132	3.24	-11.43	10.38
07	11.99	117	1.78	-9.65	10.94
08	8.31	81	-1.90	-11.55	10.99
09	12.41	122	2.20	-9.35	10.81
1910	8.81	86	-1.40	-10.75	10.09
11	12.52	123	2.31	-8.44	10.02
12	8.38	82	-1.83	-10.27	10.19
13	7.96	78	-2.25	-12.52	10.31
14	13.30	130	3.09	-9.43	10.35
15	9.40	92	-0.81	-10.24	9.98
16	12.69	124	2.48	-7.76	10.72
17	6.56	64	-3.65	-11.41	10.54
18	11.67	114	1.46	-9.95	11.03
19	12.36	121	2.15	-7.80	10.96
1920	11.86	116	1.65	-6.15	10.79
21	11.83	116	1.62	-4.53	11.09
22	6.22	61	-3.99	-8.52	10.57
23	13.16	129	2.95	-5.57	9.80
24	9.76	96	-0.45	-6.02	9.66
25	8.02	79	-2.19	-8.21	11.41



# General Notes

No.	Description	Date	Amount	Balance
1	Jan 1	1880	100.00	100.00
2	Feb 1	1880	50.00	50.00
3	Mar 1	1880	25.00	25.00
4	Apr 1	1880	10.00	15.00
5	May 1	1880	5.00	10.00
6	Jun 1	1880	2.50	7.50
7	Jul 1	1880	1.25	6.25
8	Aug 1	1880	0.62	5.63
9	Sep 1	1880	0.31	5.32
10	Oct 1	1880	0.16	5.16
11	Nov 1	1880	0.08	5.08
12	Dec 1	1880	0.04	5.04

GUNNISON, COLORADO  
(Continued)

Elevation 7,670 Feet		Gunnison County		Index No. W. 71	
Year	Annual Precipitation in Inches	Per Cent of 42-Yr. Average	Departure From 42-Yr. Average	Cumulative Departure From 42-Yr. Average	Five-Year Moving Average
1926	11.23	110	1.02	-7.19	11.09
27	14.89	146	4.68	-2.51	11.76
28	11.55	113	1.34	-1.17	12.02
29	13.09	128	2.88	1.71	11.81
1930	9.33	91	-0.88	0.83	10.74
31	10.21	100	0.00	0.83	10.45
32	9.50	93	-0.71	0.12	9.20
33	10.13	99	-0.08	0.04	10.02
34	6.81	67	-3.40	-3.36	10.41
35	13.46	132	3.25	-0.11	10.72
36	12.16	119	1.95		
37	11.05	108	0.84		

Average Precipitation 42-Years 1894-1935, 10.21

Estimated Average Precipitation 46-Years 1890-1935, 10.08

\*No record. # Partial record. @Average used for missing months record.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 42-YEAR PERIOD  
1894-1935 INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 42-YEAR PERIOD  
1894-1935 INCLUSIVE

Month	Max.	Min.	Average	Month	Max.	Min.	Average
Jan.	2.79	0.05	0.77	Jan.	18.1	0.2	7.9
Feb.	2.10	0.12	0.71	Feb.	31.5	3.2	13.7
Mar.	2.12	0.00	0.64	Mar.	38.0	15.0	26.0
Apr.	3.10	0.00	0.66	Apr.	44.0	31.5	39.3
May	2.72	0.00	0.88	May	53.4	42.3	47.7
June	2.50	0.00	0.71	June	61.8	50.8	55.8
July	4.21	T	1.66	July	65.0	57.6	61.3
Aug.	2.87	0.20	1.37	Aug.	63.7	49.7	59.7
Sept.	3.32	0.00	0.95	Sept.	56.4	46.2	52.0
Oct.	1.87	T	0.67	Oct.	45.2	38.2	41.1
Nov.	3.60	0.00	0.51	Nov.	35.4	16.0	27.9
Dec.	1.94	0.08	0.68	Dec.	23.8	1.2	10.6
Annual-----10.21				Annual-----36.9			

T - Less than 0.01 inch.

\* See note page 82.





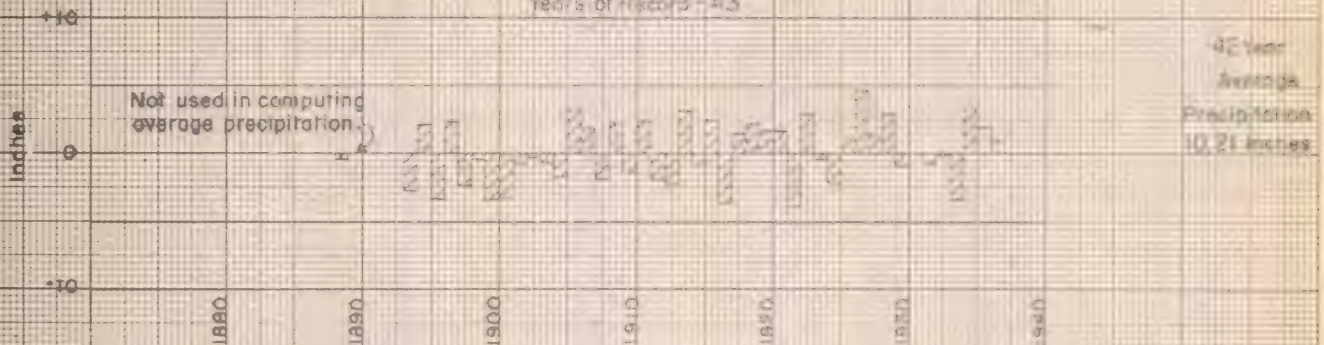
# GUNNISON, COLO. 5 year Moving Average Precipitation 1884-1935



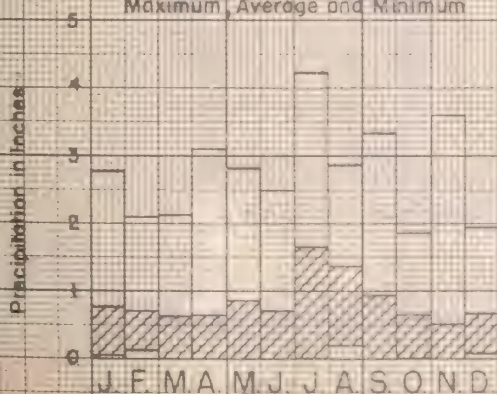
COLORADO STATE PLANNING COMMISSION

8-11-37

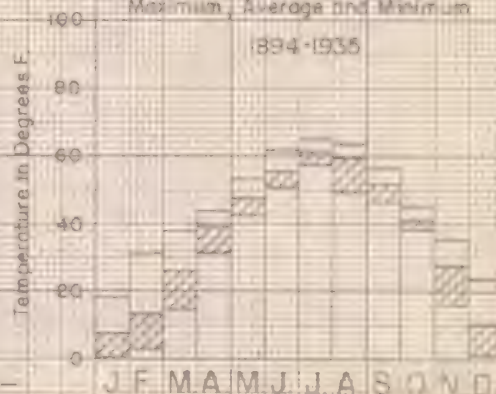
## GUNNISON, COLO. Departure from Average Precipitation 1884-1935 Years of Record - 43



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION





# HERMIT, COLORADO

Elevation 9,843 Feet.		Mineral	County	Index No. W. 103	
Year	Annual Precipitation In Inches	Per Cent of 26-Yr. Average	Departure From 26-Yr. Average	Cumulative Departure From 26-Yr. Average	Five-Year Moving Average
1899	14.53	82	-3.38		
1900	10.49	59	-7.32		
* 09#					
1910	16.00	90	-1.81	-1.81	
11	25.18	141	7.37	5.56	
12	16.27	91	-1.54	4.02	19.63
13	20.99	118	3.18	7.20	20.22
14	19.70	111	1.89	9.09	19.22
15	18.96	106	1.15	10.24	19.75
16	23.66	133	5.85	16.09	19.78
17	15.46	87	-2.35	13.74	20.35
18	21.12	119	3.31	17.05	21.18
19	22.55	127	4.74	21.79	19.53
1920	23.10	130	5.29	27.08	19.55
21	15.41	87	-2.40	24.68	19.61
22	15.59	87	-2.22	22.46	17.45
23	21.39	120	3.58	26.04	15.80
24	11.75	66	-6.06	19.98	15.36
25	14.86	83	-2.95	17.03	16.73
26	13.21	74	-4.60	12.43	15.80
27	22.46	126	4.65	17.08	16.72
28	16.71	94	-1.10	15.98	17.19
29	16.36	92	-1.45	14.53	18.22
1930	17.21	97	-0.60	13.93	16.04
31	18.35	103	0.54	14.47	16.01
32	11.55	65	-6.25	8.21	14.89
33	16.57	93	-1.24	6.97	15.02
34	10.75	60	-7.06	-0.09	14.38
35	17.88	100	0.07	-0.02	14.55
36	15.13	85	-2.68		
37	12.43	70	-5.38		

Average Precipitation 26-Years 1910-1935 17.81

Estimated Average Precipitation 46-Years 1890-1935 17.3

\* No record. # Partial record.

Annual precipitation figures from U. S. Weather Bureau.

Note: For change in station location see page vii.





HERMIT, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 26-YEAR PERIOD  
1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.90	0.00	0.95
Feb.	3.07	0.06	0.94
Mar.	3.65	0.16	1.22
Apr.	4.53	0.43	1.30
May	3.15	T	1.10
June	4.72	0.02	1.17
July	5.57	1.05	2.81
Aug.	5.37	1.14	2.62
Sept.	8.08	0.07	2.10
Oct.	6.87	0.06	1.66
Nov.	5.14	T	1.10
Dec.	2.98	0.00	<u>0.84</u>
Annual.....			17.81

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE  
FOR THE 24-YEAR PERIOD  
1912 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	22.2	6.0	11.4
Feb.	26.6	6.6	15.8
Mar.	31.3	13.0	21.9
Apr.	*38.8	22.8	32.0
May	47.1	33.2	40.8
June	54.2	42.4	48.9
July	57.7	49.8	54.6
Aug.	56.9	49.4	52.8
Sept.	50.8	41.7	46.4
Oct.	42.1	32.5	37.5
Nov.	33.0	16.6	25.8
Dec.	23.9	2.3	<u>13.3</u>
Annual.....			33.4

\* Not included in years used to obtain average.





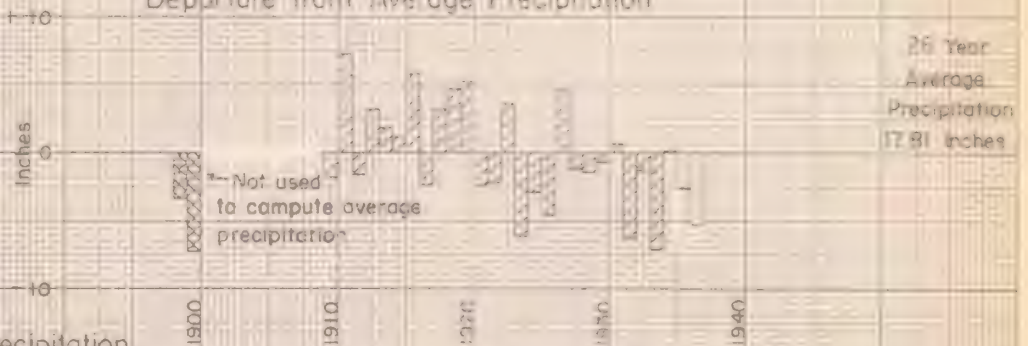
# HERMIT, COLO. (near) 5 Year Moving Average Precipitation 1910-1935



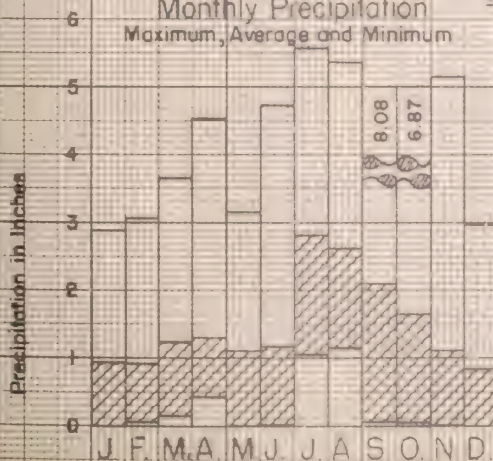
COLORADO STATE PLANNING COMMISSION

W. 10-2-37

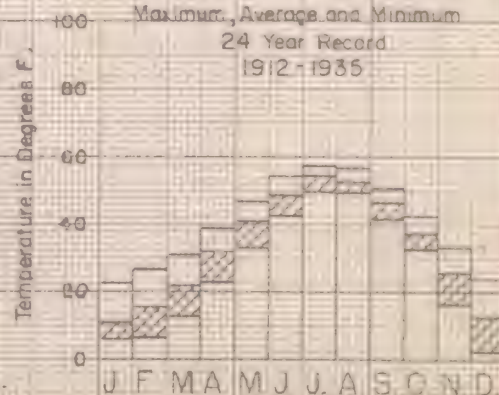
## HERMIT, COLO. (near) 1889-1935 Years of record - 28 Departure from Average Precipitation



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum 24 Year Record 1912-1935



COLORADO STATE PLANNING COMMISSION

S.W. JANUARY 17, 1938



# IDAMO SPRINGS, COLORADO

Elevation 7,543 Feet Clear Creek County Index No. N. L. 84

Year	Annual Precipitation in Inches	Per Cent of 45-Yr. Average	Departure From 45-Yr. Average	Cumulative Departure from 45-Yr. Average	Five-Year Moving Average
1887	14.88	94	-0.87	-0.87	
88	13.92	88	-1.83	-2.70	
89	15.14	96	-0.61	-3.31	14.77
1890	12.17	77	-3.58	-6.89	14.93
91	17.72	113	1.97	-4.92	13.90
92	15.72	100	-0.03	-4.95	15.13
93	8.74	55	-7.01	-11.96	17.03
94	21.32	135	5.57	-6.39	17.12
95	24.79	157	9.04	2.65	18.14
96	15.01	95	-0.74	1.91	19.94
97	20.82	132	5.07	6.98	19.31
98	17.76	113	2.01	8.99	18.26
99	18.19	115	2.44	11.43	
1900	19.54	124	3.79	15.22	
01 <sup>1/2</sup>					
*					
05	16.10	102	0.35	15.57	
06	20.46	130	4.71	20.28	
07	11.92	76	-5.83	16.45	16.54
08	16.32	104	0.57	17.02	16.07
09	17.89	114	2.14	19.16	14.44
1910	13.77	87	-1.98	17.18	15.47
11	12.28	78	-3.47	13.71	16.27
12	17.11	109	1.36	15.07	15.76
13	20.28	129	4.53	19.60	15.55
14	15.34	97	-0.41	19.19	15.90
15	12.76	81	-2.99	16.20	15.09
16	13.99	89	-1.76	14.44	14.78
17	13.03	83	-2.67	11.77	14.24
18	18.75	119	2.98	14.75	14.58
19	12.65	80	-3.10	11.65	15.43
1920	14.47	92	-1.28	10.37	15.13
1921	18.45	117	2.70	13.07	16.35
22	16.50	105	0.75	13.82	15.98
23	19.68	125	3.93	17.75	16.36
24	10.82	69	-4.93	12.82	16.23
25	16.47	105	0.72	13.54	15.35
26	17.68	112	1.93	15.47	14.27
27	14.58	93	-1.17	14.30	15.26
28	11.78	75	-3.97	10.33	14.63
29	15.80	100	0.05	10.38	13.76
1930	13.29	84	-2.46	7.92	12.94





IDAHO SPRINGS, COLORADO  
(Continued)

Elevation 7,543 Feet		Clear Creek County		Index No. N. E. 84	
Year	Annual Precipitation In Inches	Per Cent of 45-Yr. Average	Departure	Cumulative	Five-Year Moving Average
			From 45-Yr. Average	Departure From 45-Yr. Average	
1931	12.35	78	-3.40	4.52	13.74
32	11.47	73	-4.28	0.24	14.10
33	15.80	100	0.05	0.29	14.22
34	17.59	112	1.84	2.13	14.10
35	13.79	88	-1.96	0.17	14.74
36	11.86	75	-3.89		
37	14.66	93	-1.09		

Average Precipitation 45-Years 1887-1900, 1905-1935 15.75

Estimated Average Precipitation 56-Years 1880-1935 15.9

\* No record. # Partial record. Annual precipitation from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 45-YEAR PERIOD  
1887-1900, 1905-1935 INCL.

MONTHLY MEAN TEMPERATURE  
FOR THE 31-YEAR PERIOD  
1905-1935, INCLUSIVE

Month	Max.	Min.	Average	Month	Max.	Min.	Average
Jan.	1.37	T	0.31	Jan.	34.2	15.7	27.3
Feb.	2.82	T	0.54	Feb.	38.1	18.2	29.0
Mar.	2.48	T	0.99	Mar.	42.8	22.6	33.0
Apr.	9.23	0.13	2.03	Apr.	44.7	36.0	40.0
May	7.25	0.31	2.03	May	53.5	40.6	47.8
June	4.18	0.22	1.34	June	*63.4	53.8	57.6
July	4.77	0.54	2.72	July	62.2	52.2	62.3
Aug.	5.53	0.34	2.20	Aug.	65.0	55.4	62.2
Sept.	3.58	T	1.25	Sept.	58.4	50.0	54.5
Oct.	3.45	0.00	1.26	Oct.	48.1	36.2	44.1
Nov.	1.89	0.07	0.55	Nov.	40.4	26.3	34.6
Dec.	4.92	0.00	0.53	Dec.	35.6	19.0	26.9

Annual.....15.75

Annual.....43.2

T - Less than 0.01 inch.

\* Not included in years used to obtain average.





# IDAHO SPRINGS, COLO. 5 Year Moving Average Precipitation 1887-1900, 1905-1935



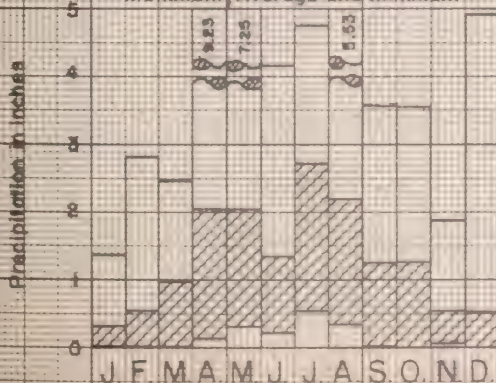
COLORADO STATE PLANNING COMMISSION

9.11.44.18

# IDAHO SPRINGS, COLO. Departure from Average Precipitation 1887-1900, 1905-1935

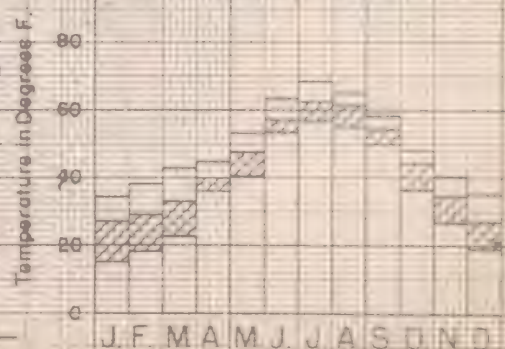


## Monthly Precipitation Maximum, Average and Minimum



Maximum and minimum values taken from all years of record.

## Monthly Mean Temperature Maximum, Average and Minimum 31 Year Period, 1905-1935



COLORADO STATE PLANNING COMMISSION

9.11.44.18





# LAKE MORAINNE, COLORADO

Elevation 10,265 Feet		El Paso County		Index No. S. 31	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1895	23.89	96	-0.84	-0.34	
96	19.70	80	-5.03	-5.87	
97	30.32	123	5.59	-0.28	23.13
98	23.14	94	-1.59	-1.87	25.05
99	18.59	75	-6.14	-8.01	26.57
1900	33.49	135	8.76	0.75	24.92
01	27.32	110	2.59	3.34	25.77
02	22.07	89	-2.66	0.68	27.80
03	27.36	111	2.53	3.31	27.21
04	28.77	116	4.04	7.35	26.87
05	30.53	123	5.80	13.15	26.16
06	25.63	104	0.90	14.05	25.54
07	18.49	75	-6.24	7.81	25.55
08	24.30	98	-0.43	7.38	24.79
09	28.78	116	4.05	11.43	24.77
1910	26.75	108	2.02	13.45	25.00
11	25.54	103	0.81	14.26	26.00
12	19.62	79	-5.11	9.15	25.63
13	29.32	119	4.59	13.74	25.71
14	27.18	110	2.45	16.19	24.95
15	26.90	109	2.17	18.36	24.83
16	21.75	88	-2.98	15.38	24.28
17	19.01	77	-5.72	9.66	23.62
18	26.56	107	1.83	11.49	22.63
19	23.87	97	-0.86	10.63	23.11
1920	22.22	90	-2.51	8.12	25.24
21	27.40	111	2.67	10.79	23.41
22	26.15	106	1.42	12.21	23.79
23	27.41	111	2.68	14.89	23.75
24	15.75	64	-6.98	5.91	23.12
25	22.03	89	-2.70	3.21	22.64
26	24.25	98	-0.18	2.73	22.14
27	23.74	96	-0.59	1.74	25.41
28	21.93	101	0.20	1.94	25.57
29	22.09	130	7.56	9.30	25.32
1930	22.85	92	-1.88	7.42	24.61



# THE JOURNAL

Date	Volume	Page	Author	Editor
1891	1	1-100	J. H. P.	J. H. P.
1892	2	101-200	J. H. P.	J. H. P.
1893	3	201-300	J. H. P.	J. H. P.
1894	4	301-400	J. H. P.	J. H. P.
1895	5	401-500	J. H. P.	J. H. P.
1896	6	501-600	J. H. P.	J. H. P.
1897	7	601-700	J. H. P.	J. H. P.
1898	8	701-800	J. H. P.	J. H. P.
1899	9	801-900	J. H. P.	J. H. P.
1900	10	901-1000	J. H. P.	J. H. P.

LAKE LORAINE, COLORADO  
(Continued)

Elevation 10,265 Feet		El Paso County		Index No. S. E. 31	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1931	23.01	93	-1.72	5.70	25.08
32	20.17	82	-4.56	1.14	22.83
33	27.27	110	2.54	3.68	23.26
34	20.85	84	-3.88	-0.20	23.42
35	25.00	101	0.27	0.07	23.18
36	23.82	96	-0.91		
37	18.97	77	-5.76		

Average Precipitation    41-Years    1895-1935    24.73

Estimated Average Precipitation    56-Years    1880-1935    24.5

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 41-YEAR PERIOD  
1895 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 41-YEAR PERIOD  
1895 TO 1935, INCLUSIVE

Month	Max.	Min.	Average	Month	Max.	Min.	Average
Jan.	1.55	T	0.62	Jan.	27.6	11.4	20.7
Feb.	3.45	0.06	0.94	Feb.	30.2	12.4	21.0
Mar.	3.95	0.48	1.75	Mar.	32.8	15.4	25.0
Apr.	16.55	0.69	2.92	Apr.	36.0	25.0	31.1
May	6.98	0.52	2.74	May	45.6	33.8	39.6
June	7.48	0.10	2.50	June	52.9	44.6	49.4
July	8.22	*1.26	4.49	July	57.9	49.4	53.5
Aug.	8.99	0.37	3.91	Aug.	55.6	47.7	52.6
Sept.	3.90	0.13	1.62	Sept.	52.6	42.4	47.2
Oct.	3.72	0.05	1.49	Oct.	43.6	30.9	37.7
Nov.	3.38	T	0.90	Nov.	34.4	21.1	28.7
Dec.	6.49	0.02	0.85	Dec.	29.6	14.0	21.2

Annual.....24.73

Annual.....35.6

T - Less than 0.01 inch.

\* Not included in years used to obtain average.

# Table 1

Year	1950	1951	1952	1953	1954
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000
GDP	100	110	120	130	140
Unemployment	5%	6%	7%	8%	9%
Inflation	2%	3%	4%	5%	6%

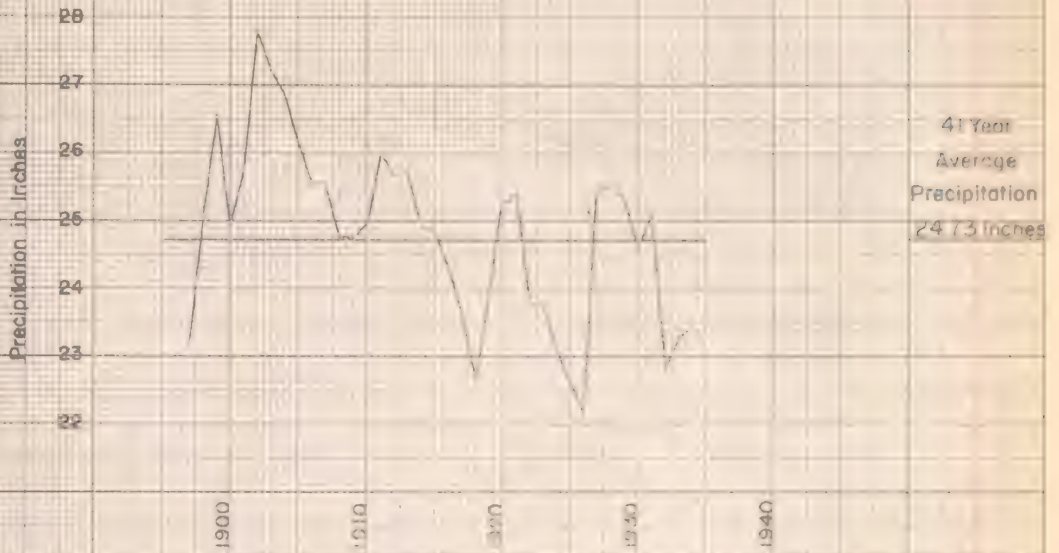
Source: Bureau of Economic Analysis, U.S. Department of Commerce, Statistical Abstract of the United States, 1955.

Year	1950	1951	1952	1953	1954
Population	1,000,000	1,050,000	1,100,000	1,150,000	1,200,000
GDP	100	110	120	130	140
Unemployment	5%	6%	7%	8%	9%
Inflation	2%	3%	4%	5%	6%

Source: Bureau of Economic Analysis, U.S. Department of Commerce, Statistical Abstract of the United States, 1955.



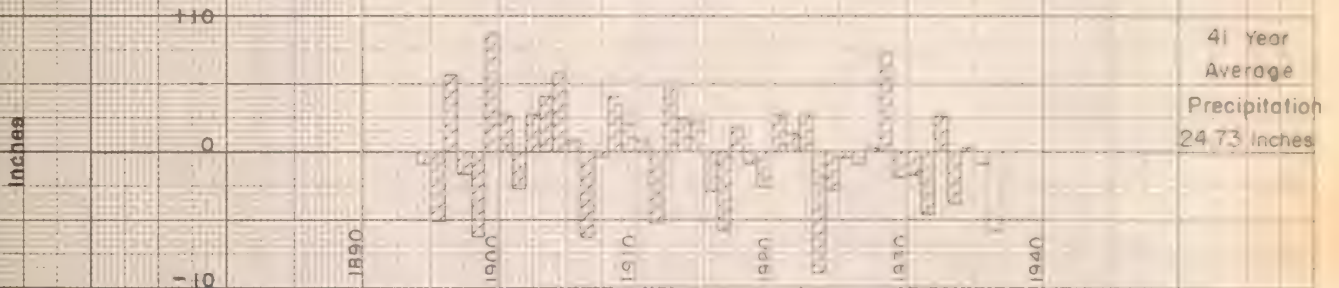
# LAKE MORaine, COLO. 5 Year Moving Average Precipitation 1895-1935



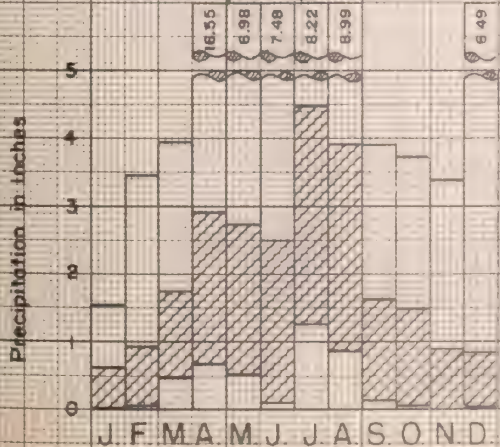
COLORADO STATE PLANNING COMMISSION

S.W. 10-18-37

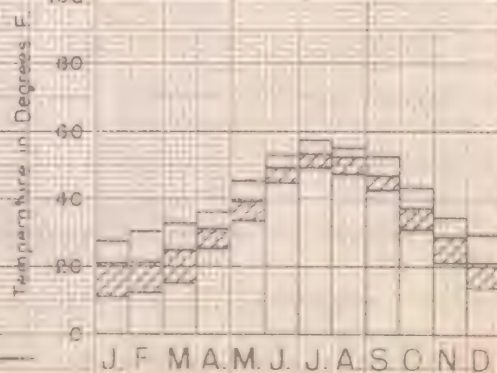
# LAKE MORaine, COLO. Departure from Average Precipitation 1895-1935



## Monthly Precipitation Maximum, Average and Minimum



## Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. JAN 3, 1938



# LAS ANIMAS, COLORADO

Elevation 3,899 Feet		Sent County		Index No. S. E. 61	
Year	Annual Precipitation In Inches	Per Cent of 69-Yr. Average	Departure From 69-Yr. Average	Cumulative Departure from 69-Yr. Average	Five-Year Moving Average
1867	12.21	101	0.07	0.07	
68	11.16	92	-0.98	-0.91	
69	8.02	66	-4.12	-5.03	11.04
1870	16.13	133	3.99	-1.04	11.99
71	7.67	63	-4.47	-5.51	12.07
72	16.97	140	4.83	-0.68	13.39
73	11.58	95	-0.56	-1.24	12.36
74	14.58	120	2.44	1.20	12.81
75	11.01	91	-1.13	0.07	11.76
76	9.91	82	-2.23	-2.16	12.13
77	11.70	96	-0.44	-2.60	10.13
78	13.47	111	1.33	-1.27	10.48
79	4.54	37	-7.60	-8.87	10.63
1880	12.80	105	0.66	-8.21	10.87
81	10.90	90	-1.24	-9.45	10.40
82	12.65	104	0.51	-8.94	12.63
83	11.12	92	-1.02	-9.96	12.92
84	15.70	129	3.56	-6.40	13.30
85	14.23	117	2.09	-4.31	13.46
86	12.78	105	0.64	-3.67	13.13
87	13.46	111	1.32	-2.35	11.75
88	9.47	78	-2.67	-5.02	9.96
89	8.79	72	-3.35	-8.37	9.30
1890	5.32	44	-6.82	-15.19	8.57
91	11.95	98	-0.19	-15.38	7.86
92	7.32	60	-4.82	-20.20	6.66
93	5.94	49	-6.20	-26.40	8.64
94	2.79	23	-9.35	-35.75	8.61
95	15.20	125	3.06	-32.69	9.33
96	11.81	97	-0.33	-33.02	11.26
97	10.89	90	-1.25	-34.27	13.13
98	15.63	129	3.49	-30.78	13.18
99	12.11	100	-0.03	-30.81	12.62
1900	15.48	128	3.34	-27.47	13.42
01	8.97	74	-3.17	-30.64	12.86
02	14.89	123	2.75	-27.89	12.54
03	12.84	106	0.70	-27.19	12.37
04	10.51	87	-1.63	-28.82	13.97
05	14.66	120	2.52	-26.30	13.76



GENERAL INFORMATION		LOCALITY		PLANT		SPECIES		COLLECTOR	
NO.	DATE	LOCALITY	PLANT	SPECIES	COLLECTOR	NO.	DATE	LOCALITY	PLANT
1	1917	...	...	...	...	1	1917	...	...
2	1917	...	...	...	...	2	1917	...	...
3	1917	...	...	...	...	3	1917	...	...
4	1917	...	...	...	...	4	1917	...	...
5	1917	...	...	...	...	5	1917	...	...
6	1917	...	...	...	...	6	1917	...	...
7	1917	...	...	...	...	7	1917	...	...
8	1917	...	...	...	...	8	1917	...	...
9	1917	...	...	...	...	9	1917	...	...
10	1917	...	...	...	...	10	1917	...	...

LAS ANIMAS, COLORADO  
(Continued)

Elevation 3,899 Feet		Bent County		Index No. S. E. 61	
Year	Annual Precipitation In Inches	Per Cent of 69-Yr. Average	Departure From 69-Yr. Average	Cumulative Departure From 69-Yr. Average	Five-Year Moving Average
1906	16.95	140	4.81	-21.49	13.53
07	13.83	114	1.69	-19.80	14.76
08	11.69	96	-0.45	-20.25	14.54
09	16.67	137	4.53	-15.72	14.22
1910	13.58	112	1.44	-14.28	13.73
11	15.33	126	3.19	-11.09	14.19
12	11.36	94	-0.78	-11.87	14.40
13	14.03	116	1.89	-9.98	15.54
14	17.69	146	5.55	-4.43	14.84
15	19.27	159	7.13	2.70	14.30
16	11.34	98	-0.30	2.40	13.96
17	11.18	92	-0.96	1.44	14.14
18	9.83	81	-2.31	-0.87	12.46
19	18.56	153	6.42	5.55	13.48
1920	10.89	90	-1.25	4.30	13.44
21	16.94	140	4.80	9.10	15.75
22	10.97	90	-1.17	7.93	13.53
23	21.39	176	9.25	17.18	13.59
24	7.46	61	-4.68	12.50	12.34
25	11.19	92	-0.95	11.55	12.60
26	10.68	88	-1.46	10.09	11.37
27	12.26	101	0.12	10.21	12.24
28	15.27	126	3.13	13.34	12.95
29	11.81	97	-0.33	13.01	12.55
1930	14.73	121	2.59	15.60	11.80
31	8.66	71	-3.48	12.12	10.97
32	8.51	70	-3.63	8.49	9.93
33	11.15	92	-0.99	7.50	9.00
34	6.62	55	-5.52	1.98	9.74
35	10.05	83	-2.09	-0.11	9.27
36	12.38	102	0.26		
37	6.15	51	-5.99		

Average Precipitation 69-Years 1867-1935 12.14

Estimated Average Precipitation 56-Years 1880-1935 12.3

Annual precipitation figures from U. S. Weather Bureau.





LAS ANIMAS, COLORADO  
(Continued)

MONTHLY PRECIPITATION  
FOR THE 69-YEAR PERIOD  
1867 TO 1935, INCLUSIVE

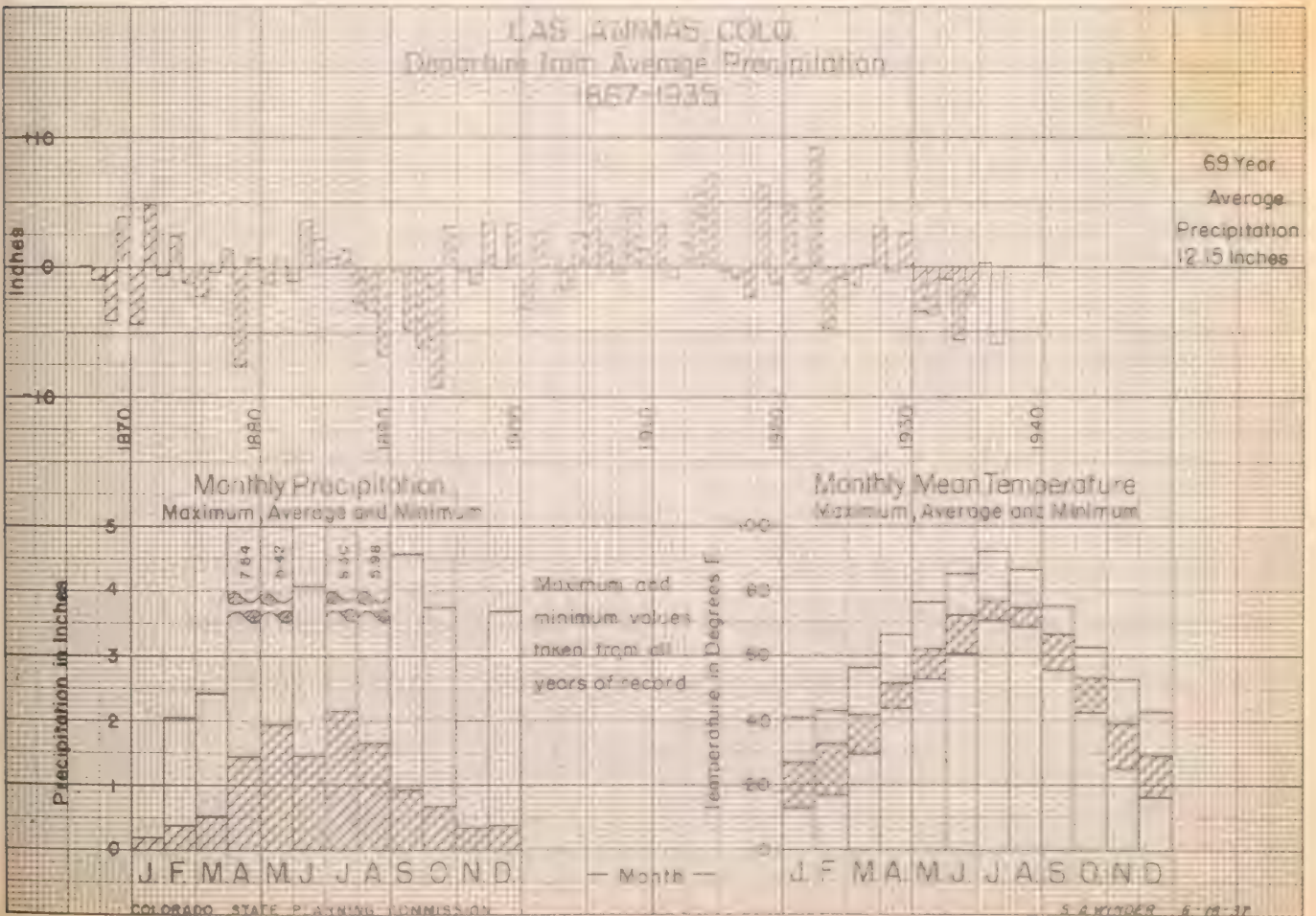
<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	1.00	0.00	0.20
Feb.	2.13	0.00	0.39
Mar.	2.43	0.00	0.52
Apr.	7.54	0.00	1.44
May	5.42	0.00	1.95
June	4.08	T	1.46
July	6.30	0.00	2.15
Aug.	5.98	0.00	1.66
Sept.	4.59	0.00	0.94
Oct.	3.75	0.00	0.69
Nov.	2.00	0.00	0.35
Dec.	3.69	0.00	<u>0.39</u>
Annual.....			12.14

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE  
FOR THE 69-YEAR PERIOD  
1867 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	40.7	13.0	27.4
Feb.	42.8	17.0	33.0
Mar.	56.4	29.6	41.8
Apr.	66.1	43.9	51.8
May	76.6	52.9	62.0
June	85.6	60.5	72.4
July	92.1	70.7	77.3
Aug.	86.6	68.8	75.1
Sept.	75.6	55.9	66.4
Oct.	62.5	42.2	53.5
Nov.	53.1	25.2	39.2
Dec.	42.7	16.6	<u>29.4</u>
Annual.....			52.4









# LA VETA PASS, COLORADO

Elevation 9,242 Feet		Costilla County		Index No. S. E. 74	
Year	Annual Precipitation In Inches	Per Cent of 27-Yr. Average	Departure From 27-Yr. Average	Cumulative Departure From 27-Yr. Average	Five-Year Moving Average
1909	23.31	109	1.90	1.90	
10	15.51	73	-5.90	-4.00	
11	24.60	115	3.19	-0.91	19.61
12	17.18	80	-4.23	-5.04	19.26
13	17.46	82	-3.95	-8.99	20.74
14	21.56	101	0.15	-8.84	21.82
15	22.91	107	1.50	-7.34	21.52
16	29.98	140	8.57	1.23	22.56
17	15.70	73	-5.71	-4.48	21.13
18	22.65	106	1.24	-3.24	20.12
19	14.43	67	-6.98	-10.22	19.88
1920	17.85	83	-3.56	-13.78	19.66
21	28.77	134	7.36	-6.42	20.36
22	14.59	68	-6.82	-13.24	20.42
23	26.17	122	4.76	-8.48	20.21
24	14.73	69	-6.68	-15.16	21.32
25	16.79	78	-4.62	-19.78	25.18
26	34.32	160	12.91	6.87	26.62
27	33.87	158	12.46	5.59	28.24
28	33.40	156	11.99	17.58	30.00
29	22.83	107	1.42	19.00	28.15
1930	25.60	120	4.19	23.19	28.52
31	25.06	117	3.65	26.84	22.08
32	20.71	97	-0.70	26.14	19.49
33	16.21	76	-5.20	20.94	16.78
34	9.89	46	-11.52	9.42	14.11
35	12.02	56	-9.39	0.03	12.64
36	11.73	55	-9.68		
37	13.36	62	-8.05		

Average Precipitation 27-Years 1909-1935 21.41

Estimated Average Precipitation 56-Years 1880-1935 21.3

Annual precipitation figures from U. S. Weather Bureau.





LA VETA PASS, COLORADO  
(Continued)

MONTHLY PRECIPITATION FOR THE  
27-YEAR PERIOD. 1909 TO 1935, INCLUSIVE

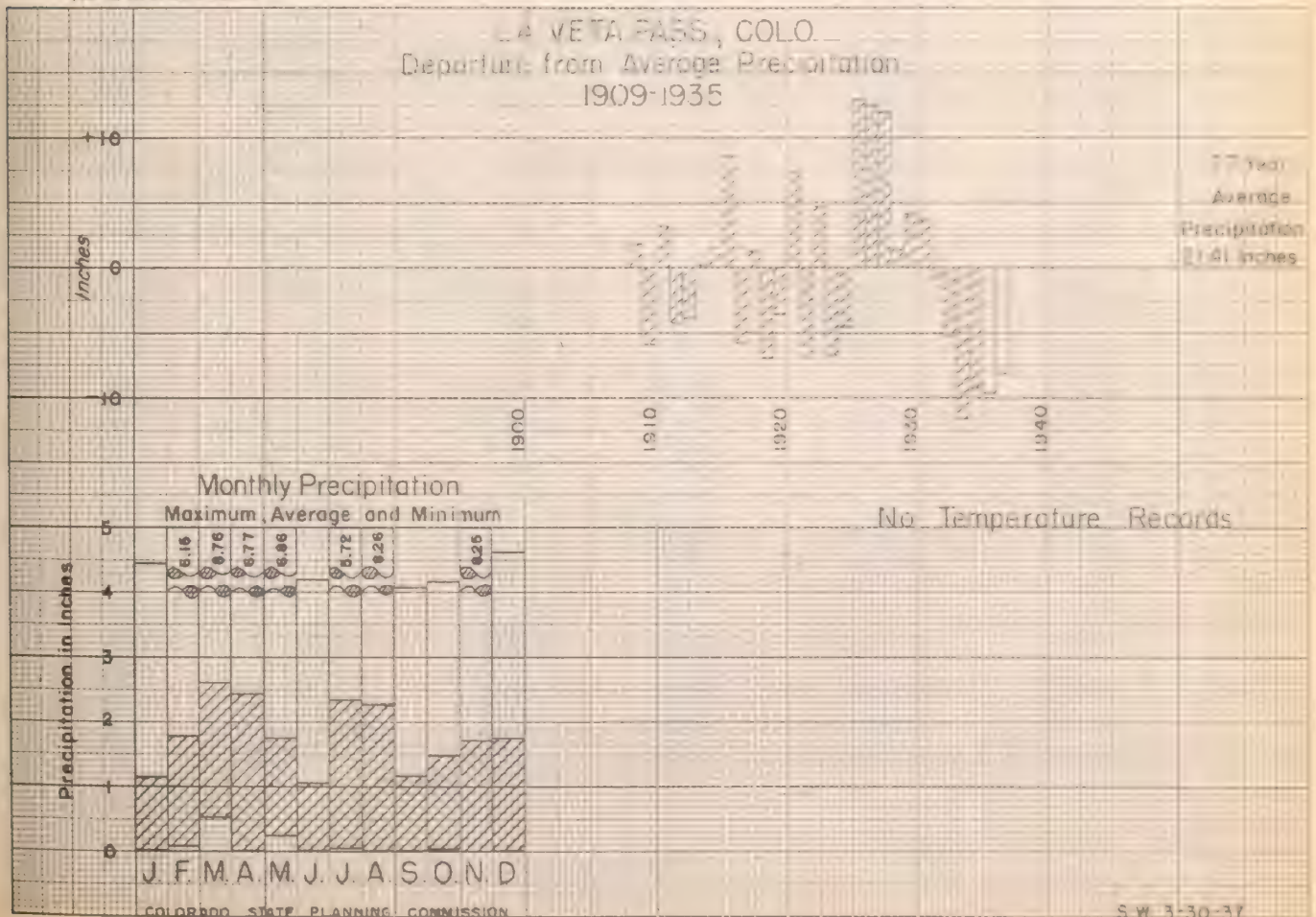
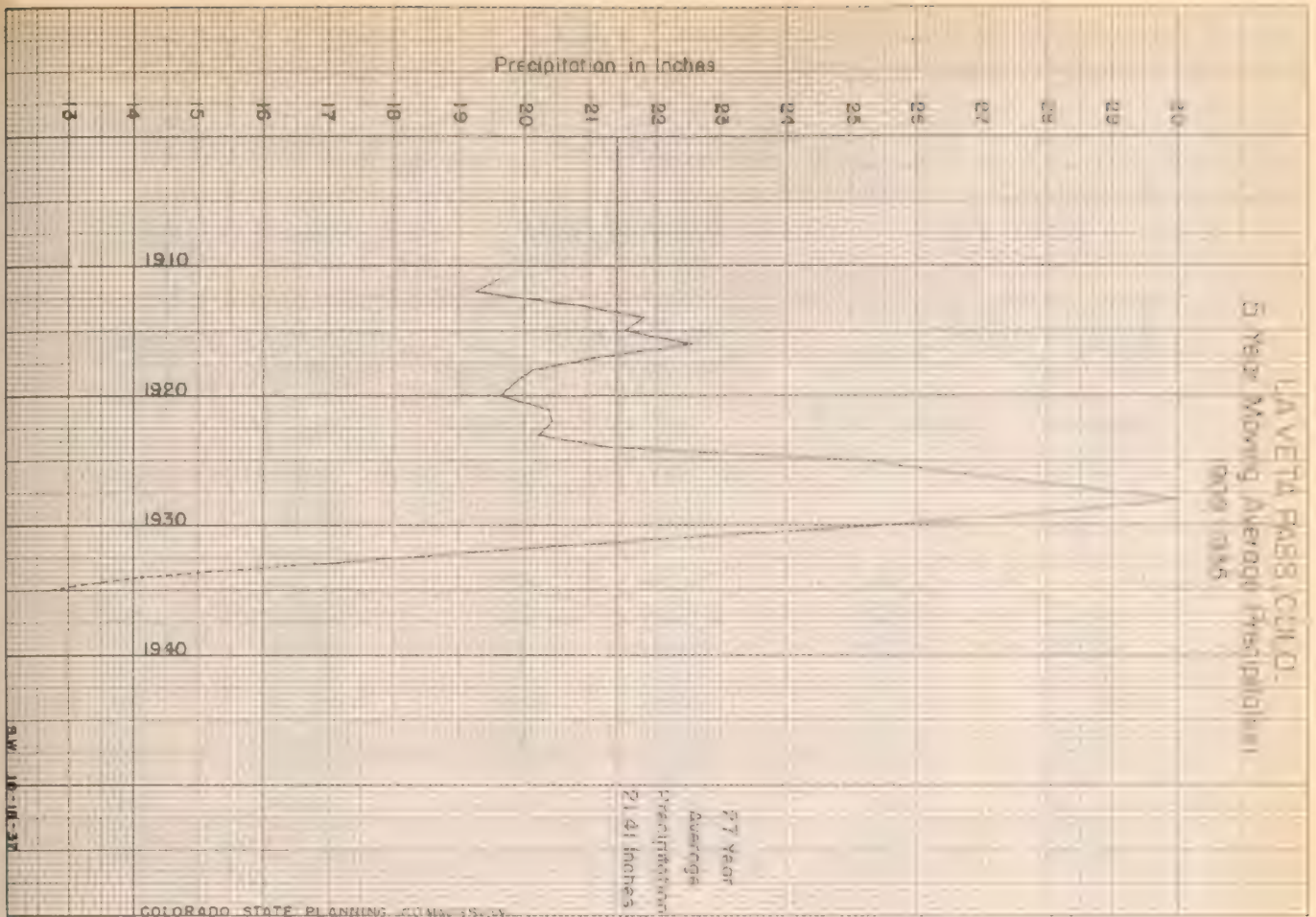
<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	4.46	T	1.13
Feb.	6.15	0.09	1.79
Mar.	8.76	0.53	2.61
Apr.	6.77	T	2.42
May	6.86	0.26	1.76
June	4.20	T	1.05
July	5.72	0.04	2.33
Aug.	8.26	0.01	2.27
Sept.	4.07	T	1.17
Oct.	4.17	0.03	1.48
Nov.	8.25	0.00	1.71
Dec.	4.62	0.01	<u>1.69</u>

Annual.....21.41

T - Less than 0.01 inch.

No temperature record.









# LAY, COLORADO

Elevation 6,172 Feet		Moffat County		Index No. W. 5	
Year	Annual Precipitation In Inches	Per Cent of 46-Yr. Average	Departure From 46-Yr. Average	Cumulative Departure From 46-Yr. Average	Five-Year Moving Average
1890	8.69	63	-5.21	-5.21	
91	10.20	73	-3.70	-8.91	
92	12.12	87	-1.78	-10.69	11.62
93	15.89	114	1.99	-8.70	12.81
94	11.21	81	-2.69	-11.39	13.58
95	14.63	105	0.73	-10.66	14.93
96	14.04	101	0.14	-10.52	14.56
97	18.86	136	4.96	-5.56	15.02
98@	14.08	101	0.18	-5.38	13.62
99@	13.51	97	-0.39	-5.77	13.04
1900	7.60	55	-6.30	-12.07	11.03
01	11.17	80	-2.73	-14.80	10.57
02	8.79	63	-5.11	-19.91	9.91
03	11.80	85	-2.10	-22.01	11.21
04	10.17	73	-3.73	-25.74	12.10
05	14.13	102	0.23	-25.51	12.72
06	15.60	112	1.70	-23.81	12.78
07	11.90	86	-2.00	-25.81	13.82
08	12.10	87	-1.80	-27.61	13.61
09	15.36	111	1.46	-26.15	13.75
1910	13.10	94	-0.80	-26.95	14.17
11	16.30	117	2.40	-24.55	13.54
12	13.97	101	0.07	-24.48	13.58
13	8.98	65	-4.92	-29.40	13.58
14	15.56	112	1.66	-27.74	13.98
15	13.09	94	-0.81	-28.55	14.31
16	18.32	132	4.42	-24.13	15.51
17	15.62	112	1.72	-22.41	14.81
18	14.94	107	1.04	-21.37	15.29
19	12.08	87	-1.82	-23.19	14.48
1920	15.50	112	1.60	-21.59	14.36
21	14.24	102	0.34	-21.25	14.91
22	15.05	108	1.15	-20.10	15.53
23	17.68	127	3.78	-16.32	15.96
24	15.41	111	1.51	-14.81	16.50
25	17.44	125	3.54	-11.27	17.94

Description of the work		Number of men		Number of days		Total man-days	
1		2		3		4	
1. Construction of the main dam		100		100		10,000	
2. Construction of the spillway		50		50		5,000	
3. Construction of the powerhouse		20		20		2,000	
4. Construction of the intake		10		10		1,000	
5. Construction of the tailrace		10		10		1,000	
6. Construction of the access roads		10		10		1,000	
7. Construction of the power lines		10		10		1,000	
8. Construction of the dam foundation		10		10		1,000	
9. Construction of the dam abutments		10		10		1,000	
10. Construction of the dam crest		10		10		1,000	
11. Construction of the dam toe		10		10		1,000	
12. Construction of the dam core		10		10		1,000	
13. Construction of the dam filter		10		10		1,000	
14. Construction of the dam drainage		10		10		1,000	
15. Construction of the dam foundation		10		10		1,000	
16. Construction of the dam abutments		10		10		1,000	
17. Construction of the dam crest		10		10		1,000	
18. Construction of the dam toe		10		10		1,000	
19. Construction of the dam core		10		10		1,000	
20. Construction of the dam filter		10		10		1,000	
21. Construction of the dam drainage		10		10		1,000	
22. Construction of the dam foundation		10		10		1,000	
23. Construction of the dam abutments		10		10		1,000	
24. Construction of the dam crest		10		10		1,000	
25. Construction of the dam toe		10		10		1,000	
26. Construction of the dam core		10		10		1,000	
27. Construction of the dam filter		10		10		1,000	
28. Construction of the dam drainage		10		10		1,000	
29. Construction of the dam foundation		10		10		1,000	
30. Construction of the dam abutments		10		10		1,000	
31. Construction of the dam crest		10		10		1,000	
32. Construction of the dam toe		10		10		1,000	
33. Construction of the dam core		10		10		1,000	
34. Construction of the dam filter		10		10		1,000	
35. Construction of the dam drainage		10		10		1,000	
36. Construction of the dam foundation		10		10		1,000	
37. Construction of the dam abutments		10		10		1,000	
38. Construction of the dam crest		10		10		1,000	
39. Construction of the dam toe		10		10		1,000	
40. Construction of the dam core		10		10		1,000	
41. Construction of the dam filter		10		10		1,000	
42. Construction of the dam drainage		10		10		1,000	
43. Construction of the dam foundation		10		10		1,000	
44. Construction of the dam abutments		10		10		1,000	
45. Construction of the dam crest		10		10		1,000	
46. Construction of the dam toe		10		10		1,000	
47. Construction of the dam core		10		10		1,000	
48. Construction of the dam filter		10		10		1,000	
49. Construction of the dam drainage		10		10		1,000	
50. Construction of the dam foundation		10		10		1,000	



LAY, COLORADO  
(Continued)

Elevation 6,172 Feet			Moffat County		Index No. W. 5
Year	Annual Precipitation In Inches	Per Cent of 46-Yr. Average	Departure From 46-Yr. Average	Cumulative Departure From 46-Yr. Average	Five-Year Moving Average
1926	16.94	122	3.04	-8.23	17.08
27	22.25	160	8.35	0.12	17.79
28	13.35	96	-0.55	-0.43	17.42
29	18.96	136	5.06	4.63	16.43
1930	15.60	112	1.70	6.33	14.67
31	12.01	86	-1.89	4.44	14.40
32	13.43	97	-0.47	3.97	12.80
33	11.98	86	-1.92	2.05	12.67
34	10.97	79	-2.93	-0.88	
35	14.98	108	1.08	0.20	
36					

Average Precipitation 46-Years 1890-1935 13.90

Estimated Average Precipitation 46-Years 1890-1935 13.8

© Average used for missing months record.

Note: This station discontinued in 1936.

Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 46-YEAR PERIOD  
1890 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 42-YEAR PERIOD  
1892-1897, 1900-1935, INCL.

Month	Max.	Min.	Average
Jan.	2.83	0.10	1.13
Feb.	2.85	0.37	1.17
Mar.	5.01	0.30	1.49
Apr.	3.13	0.10	1.35
May	3.82	0.17	1.33
June	2.11	T	0.69
July	3.06	0.12	1.03
Aug.	2.51	0.08	1.07
Sept.	4.21	T	1.43
Oct.	4.19	0.00	1.20
Nov.	2.57	T	0.87
Dec.	3.82	0.00	1.14

Annual.....13.90

Month	Max.	Min.	Average
Jan.	24.2	9.4	17.6
Feb.	33.6	6.6	20.9
Mar.	39.9	20.8	31.4
Apr.	48.8	36.0	41.8
May	58.4	44.8	50.1
June	66.2	52.8	59.5
July	74.0	62.1	67.1
Aug.	74.0	62.6	64.8
Sept.	62.5	47.7	54.7
Oct.	54.8	36.6	44.1
Nov.	37.4	23.4	31.4
Dec.	31.2	6.8	18.9

Annual.....41.9

T - Less than 0.01 inch.

# Table 1

Year	Total	Percentage of Total		Total	Percentage of Total
		1910	1920		
1910	12,441	100.0	100.0	12,441	100.0
1920	13,112	105.4	105.4	13,112	105.4
1930	14,000	112.5	112.5	14,000	112.5
1940	15,000	120.6	120.6	15,000	120.6
1950	16,000	128.6	128.6	16,000	128.6
1960	17,000	136.7	136.7	17,000	136.7
1970	18,000	144.7	144.7	18,000	144.7
1980	19,000	152.7	152.7	19,000	152.7
1990	20,000	160.7	160.7	20,000	160.7
2000	21,000	168.7	168.7	21,000	168.7

Source: Bureau of Economic Analysis, Department of Commerce, Washington, D.C.

Notes: This table shows the percentage of total population in each age group, by sex, for the years 1910 through 2000. The percentages are based on the total population of the United States.

Year	Total	Percentage of Total		Total	Percentage of Total
		1910	1920		
1910	12,441	100.0	100.0	12,441	100.0
1920	13,112	105.4	105.4	13,112	105.4
1930	14,000	112.5	112.5	14,000	112.5
1940	15,000	120.6	120.6	15,000	120.6
1950	16,000	128.6	128.6	16,000	128.6
1960	17,000	136.7	136.7	17,000	136.7
1970	18,000	144.7	144.7	18,000	144.7
1980	19,000	152.7	152.7	19,000	152.7
1990	20,000	160.7	160.7	20,000	160.7
2000	21,000	168.7	168.7	21,000	168.7



# LAY, COLO. 5 Year Moving Average Precipitation 1890-1935



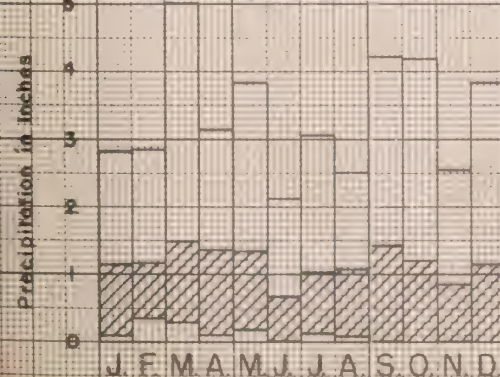
COLORADO STATE PLANNING COMMISSION

S.W. 6-28-35

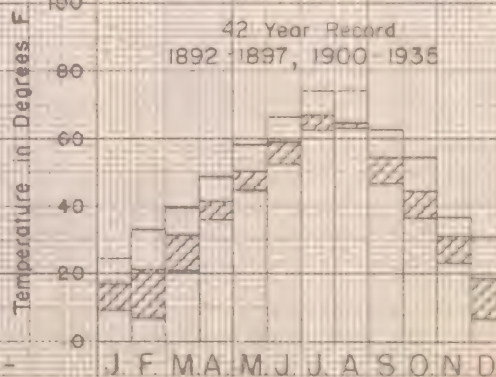
## LAY, COLO. Departure from Average Precipitation 1890-1935



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W.

12-21-35





# LEADVILLE, COLORADO

Elevation 10,248 Feet		Lake County		Index No. S. E. 5	
Year	Annual Precipitation In Inches	Per Cent of 40-Yr. Average	Departure From 40-Yr. Average	Cumulative Departure from 40-Yr. Average	Five-Year Moving Average
1889	12.80	69	-5.74		
1890	7.30	39	-11.24		
91 <sup>1</sup> / <sub>2</sub> *					
95 <sup>1</sup> / <sub>2</sub>					
96	14.42	78	-4.12	-4.12	
97	15.51	84	-3.03	-7.15	
98	12.27	66	-6.27	-13.42	15.11
99	19.86	107	1.32	-12.10	15.08
1900	13.50	73	-5.04	-17.14	14.33
01	14.26	77	-4.28	-21.42	14.51
02	11.75	65	-6.79	-28.21	13.12
03	13.17	71	-5.37	-33.58	14.73
04	12.92	70	-5.62	-39.20	15.65
05	21.53	116	2.99	-36.21	17.04
06	19.89	107	1.35	-34.86	17.09
07	17.68	95	-0.86	-35.72	19.26
08	13.43	72	-5.11	-40.83	17.56
09	23.76	128	5.22	-35.61	17.80
1910	13.05	70	-5.49	-41.10	17.39
11	21.10	113	2.56	-38.54	17.89
12	15.63	84	-2.91	-41.45	16.43
13	15.91	86	-2.65	-44.08	16.84
14	16.48	89	-2.06	-46.14	16.10
15	15.09	81	-3.45	-49.59	15.77
16	17.38	94	-1.16	-50.75	16.19
17	14.01	76	-4.53	-55.28	17.62
18	17.98	97	-0.56	-55.84	19.50
19	24.65	133	6.11	-49.73	21.18
1920	23.48	127	4.94	-44.79	22.88
21	25.76	139	7.22	-37.57	24.19
22	22.51	121	3.97	-33.60	23.02
23	24.54	132	6.00	-27.60	22.40
24	18.83	102	0.29	-27.31	21.51
25	20.37	110	1.83	-25.48	22.57
26	21.31	115	2.76	-22.72	21.03
27	27.79	150	9.25	-13.47	22.11
28	16.86	91	-1.68	-15.15	22.05
29	24.24	131	5.70	-9.45	20.99
1930	20.04	108	1.50	7.95	20.09

# TABLE 1. SUMMARY OF DATA

Year	Month	Day	Time	Location	Depth	Speed	Direction	Altitude	Temperature	Humidity	Pressure	Wind	Clouds	Visibility	Remarks
1964	April	10	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	11	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	12	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	13	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	14	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	15	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	16	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	17	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	18	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	19	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	20	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	21	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	22	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	23	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	24	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	25	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	26	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	27	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	28	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	29	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear
1964	April	30	0800	10°N 105°E	1000	10	090	1000	28.5	85	1010	10	0	10	Clear



LEADVILLE, COLORADO  
(Continued)

Elevation 10,248 Feet			Lake County		Index No. S. E. 5	
Year	Annual Precipitation In Inches	Per Cent of 40-Yr. Average	Departure From 40-Yr. Average	Cumulative Departure From 40-Yr. Average	Five-Year Moving Average	
1931	16.01	86	-2.53	-10.48	20.08	
32	23.30	126	4.76	-5.72	20.05	
33	16.79	91	-1.75	-7.47	20.16	
34	24.09	130	5.55	-1.92	22.72	
35	20.59	111	2.05	0.13	23.65	
36	28.83	155	10.29			
37	27.95	151	9.41			

Average Precipitation      40-Years      1896-1935      18.54

Estimated Average Precipitation      56-Years      1880-1935      18.2

\* No record.      # Partial record.      © Mean used for missing months record.

MONTHLY PRECIPITATION  
FOR THE 40-YEAR PERIOD  
1896 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	3.33	0.05	1.15
Feb. *	4.75	0.16	1.39
Mar. *	4.65	0.61	1.75
Apr.	4.92	#0.10	1.69
May	#3.22	#0.10	1.36
June	4.01	T	1.11
July	7.72	T	3.12
Aug.	5.99	0.36	2.36
Sept.	#4.10	0.07	1.41
Oct.	3.26	0.12	1.20
Nov.	2.86	0.02	0.93
Dec.	3.17	0.11	1.07

Annual.....18.54

T - Less than 0.01 inch.

\* Not included in years used  
to obtain average.

# Interpolated by U. S. W. B.

MONTHLY MEAN TEMPERATURE  
FOR THE 28-YEAR PERIOD  
1908 TO 1935, INCLUSIVE

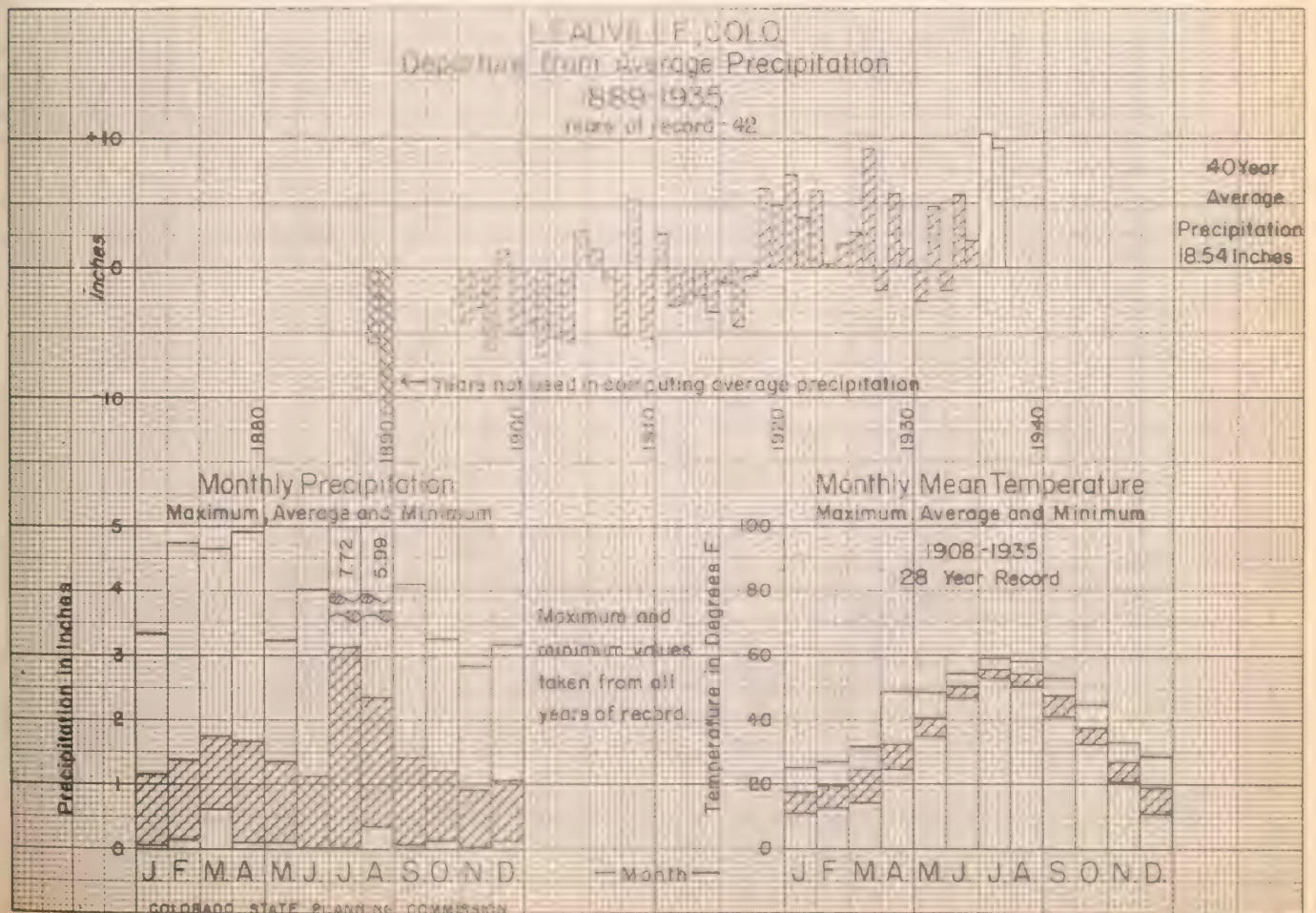
Month	Max.	Min.	Average
Jan.	25.0	11.2	17.9
Feb.	27.1	12.7	19.8
Mar.	31.9	14.4	24.1
Apr.	48.7	24.4	32.2
May	48.5	*33.8	40.6
June	54.4	*43.8	50.4
July	59.3	*51.8	55.9
Aug.	58.1	*51.0	54.2
Sept.	53.0	41.3	47.9
Oct.	*44.3	*32.1	37.8
Nov.	33.3	20.4	27.1
Dec.	28.4	11.2	19.0

Annual.....35.6

\* Not included in years used to  
obtain average.











# LONGS PEAK, COLORADO

Elevation 8,956 Feet		El Dorado County		Index No. N. E. 44	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1895	24.27	113	2.86	2.86	
96	16.91	79	-4.50	-1.64	
97	15.66	73	-5.75	-7.39	17.85
98	15.76	74	-5.65	-13.04	15.79
99	16.67	78	-4.74	-17.78	15.27
1900	13.93	65	-7.48	-25.26	15.93
01	14.31	67	-7.10	-32.36	16.71
02	18.94	88	-2.47	-34.83	18.37
03	19.71	92	-1.70	-36.53	19.91
04	24.96	117	3.55	-32.98	21.29
05	21.61	101	0.20	-32.78	22.57
06	21.24	99	-0.17	-32.95	22.11
07	24.52	114	2.91	-30.04	22.22
08	18.44	86	-2.97	-33.01	21.65
09	25.49	119	4.08	-28.93	21.33
1910	18.77	88	-2.64	-31.57	22.43
11	19.61	92	-1.80	-33.37	23.74
12	29.84	139	8.45	-24.94	23.43
13	24.99	117	3.58	-21.36	25.61
14	23.94	112	2.53	-18.83	26.51
15	29.66	139	8.25	-10.58	24.25
16	24.10	113	2.69	-7.89	23.71
17	18.58	87	-2.85	-10.72	23.03
18	22.25	104	0.84	-9.88	21.74
19	20.54	96	-0.87	-10.75	23.10
1920	23.24	109	1.83	-8.92	22.79
21	30.90	144	9.49	0.57	25.96
22	17.02	79	-4.39	-3.82	26.33
23	38.03	178	16.67	12.85	25.96
24	22.39	105	0.98	13.83	23.44
25	21.41	100	0.00	13.83	24.62
26	18.31	85	-3.10	10.73	21.21
27	22.93	107	1.52	12.25	21.65
28	21.02	98	-0.39	11.86	20.38
29	24.57	115	3.16	14.02	20.98
1930	15.08	70	-6.33	8.69	20.17

# 1880

<p>                         Name                     </p>	<p>                         Age                     </p>	<p>                         Sex                     </p>	<p>                         Occupation                     </p>	<p>                         Education                     </p>	<p>                         Religion                     </p>	<p>                         Marital Status                     </p>	<p>                         Date of Birth                     </p>
<p>                             John Smith                         </p>	<p>                             35                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1845                         </p>
<p>                             Mary Jones                         </p>	<p>                             30                         </p>	<p>                             Female                         </p>	<p>                             Housewife                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1850                         </p>
<p>                             William Brown                         </p>	<p>                             40                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1840                         </p>
<p>                             Elizabeth White                         </p>	<p>                             25                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1855                         </p>
<p>                             James Wilson                         </p>	<p>                             38                         </p>	<p>                             Male                         </p>	<p>                             Doctor                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1842                         </p>
<p>                             Sarah Davis                         </p>	<p>                             28                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1852                         </p>
<p>                             Robert Miller                         </p>	<p>                             45                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1835                         </p>
<p>                             Anna Taylor                         </p>	<p>                             22                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1858                         </p>
<p>                             Charles Moore                         </p>	<p>                             32                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1848                         </p>
<p>                             Margaret Clark                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             Thomas Lewis                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Helen Adams                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             George Baker                         </p>	<p>                             37                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1843                         </p>
<p>                             Mary Johnson                         </p>	<p>                             29                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1851                         </p>
<p>                             Benjamin Green                         </p>	<p>                             41                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1839                         </p>
<p>                             Elizabeth King                         </p>	<p>                             26                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1854                         </p>
<p>                             William Hill                         </p>	<p>                             39                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1841                         </p>
<p>                             Sarah Young                         </p>	<p>                             23                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1857                         </p>
<p>                             James Scott                         </p>	<p>                             43                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1837                         </p>
<p>                             Anna Lee                         </p>	<p>                             21                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1859                         </p>
<p>                             Charles Hall                         </p>	<p>                             34                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1846                         </p>
<p>                             Margaret Allen                         </p>	<p>                             28                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1852                         </p>
<p>                             Thomas Wright                         </p>	<p>                             44                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1836                         </p>
<p>                             Helen Baker                         </p>	<p>                             25                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1855                         </p>
<p>                             George Clark                         </p>	<p>                             36                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1844                         </p>
<p>                             Mary Evans                         </p>	<p>                             31                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1849                         </p>
<p>                             Benjamin Foster                         </p>	<p>                             46                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1834                         </p>
<p>                             Elizabeth Green                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             William King                         </p>	<p>                             40                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1840                         </p>
<p>                             Sarah Lewis                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             James Miller                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Anna Taylor                         </p>	<p>                             22                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1858                         </p>
<p>                             Charles Moore                         </p>	<p>                             32                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1848                         </p>
<p>                             Margaret Clark                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             Thomas Lewis                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Helen Adams                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             George Baker                         </p>	<p>                             37                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1843                         </p>
<p>                             Mary Johnson                         </p>	<p>                             29                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1851                         </p>
<p>                             Benjamin Green                         </p>	<p>                             41                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1839                         </p>
<p>                             Elizabeth King                         </p>	<p>                             26                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1854                         </p>
<p>                             William Hill                         </p>	<p>                             39                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1841                         </p>
<p>                             Sarah Young                         </p>	<p>                             23                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1857                         </p>
<p>                             James Scott                         </p>	<p>                             43                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1837                         </p>
<p>                             Anna Lee                         </p>	<p>                             21                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1859                         </p>
<p>                             Charles Hall                         </p>	<p>                             34                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1846                         </p>
<p>                             Margaret Allen                         </p>	<p>                             28                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1852                         </p>
<p>                             Thomas Wright                         </p>	<p>                             44                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1836                         </p>
<p>                             Helen Baker                         </p>	<p>                             25                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1855                         </p>
<p>                             George Clark                         </p>	<p>                             36                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1844                         </p>
<p>                             Mary Evans                         </p>	<p>                             31                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1849                         </p>
<p>                             Benjamin Foster                         </p>	<p>                             46                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1834                         </p>
<p>                             Elizabeth Green                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             William King                         </p>	<p>                             40                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1840                         </p>
<p>                             Sarah Lewis                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             James Miller                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Anna Taylor                         </p>	<p>                             22                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1858                         </p>
<p>                             Charles Moore                         </p>	<p>                             32                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1848                         </p>
<p>                             Margaret Clark                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             Thomas Lewis                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Helen Adams                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             George Baker                         </p>	<p>                             37                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1843                         </p>
<p>                             Mary Johnson                         </p>	<p>                             29                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1851                         </p>
<p>                             Benjamin Green                         </p>	<p>                             41                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1839                         </p>
<p>                             Elizabeth King                         </p>	<p>                             26                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1854                         </p>
<p>                             William Hill                         </p>	<p>                             39                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1841                         </p>
<p>                             Sarah Young                         </p>	<p>                             23                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1857                         </p>
<p>                             James Scott                         </p>	<p>                             43                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1837                         </p>
<p>                             Anna Lee                         </p>	<p>                             21                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1859                         </p>
<p>                             Charles Hall                         </p>	<p>                             34                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1846                         </p>
<p>                             Margaret Allen                         </p>	<p>                             28                         </p>	<p>                             Female                         </p>	<p>                             Musician                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1852                         </p>
<p>                             Thomas Wright                         </p>	<p>                             44                         </p>	<p>                             Male                         </p>	<p>                             Carpenter                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1836                         </p>
<p>                             Helen Baker                         </p>	<p>                             25                         </p>	<p>                             Female                         </p>	<p>                             Artist                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1855                         </p>
<p>                             George Clark                         </p>	<p>                             36                         </p>	<p>                             Male                         </p>	<p>                             Blacksmith                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1844                         </p>
<p>                             Mary Evans                         </p>	<p>                             31                         </p>	<p>                             Female                         </p>	<p>                             Seamstress                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1849                         </p>
<p>                             Benjamin Foster                         </p>	<p>                             46                         </p>	<p>                             Male                         </p>	<p>                             Merchant                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1834                         </p>
<p>                             Elizabeth Green                         </p>	<p>                             27                         </p>	<p>                             Female                         </p>	<p>                             Teacher                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1853                         </p>
<p>                             William King                         </p>	<p>                             40                         </p>	<p>                             Male                         </p>	<p>                             Farmer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1840                         </p>
<p>                             Sarah Lewis                         </p>	<p>                             24                         </p>	<p>                             Female                         </p>	<p>                             Nurse                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1856                         </p>
<p>                             James Miller                         </p>	<p>                             42                         </p>	<p>                             Male                         </p>	<p>                             Lawyer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p>                             1838                         </p>
<p>                             Anna Taylor                         </p>	<p>                             22                         </p>	<p>                             Female                         </p>	<p>                             Student                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Single                         </p>	<p>                             1858                         </p>
<p>                             Charles Moore                         </p>	<p>                             32                         </p>	<p>                             Male                         </p>	<p>                             Engineer                         </p>	<p>                             High School                         </p>	<p>                             Protestant                         </p>	<p>                             Married                         </p>	<p> </p>



LONGS PEAK, COLORADO  
(Continued)

Elevation 8,956 Feet		Larimer County		Index No. N. E. 44	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1931	21.30	99	-0.11	8.58	20.26
32	18.88	88	-2.53	6.05	18.49
33	21.46	100	0.05	6.10	19.67
34	15.72	73	-5.69	0.41	20.27
35	21.00	98	-0.41	0.00	21.08
36	24.28	113	2.87		
37 <sup>Ⓐ</sup>	22.96	107	1.55		

Average Precipitation      41-Years      1895-1935      21.41

Estimated Average Precipitation      56-Years      1880-1935      21.2

Ⓐ Average used for missing months record.

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 41-YEAR PERIOD  
1895 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE  
FOR THE 40-YEAR PERIOD  
1896 TO 1935, INCLUSIVE

Month	Max.	Min.	Average	Month	Max.	Min.	Average
Jan.	2.15	T	0.71	Jan.	29.2	13.3	22.4
Feb.	3.74	T	1.25	Feb.	29.7	11.0	22.3
Mar.	5.25	0.35	1.98	Mar.	37.8	17.6	26.4
Apr.	7.85	T	2.81	Apr.	40.0	22.4	33.4
May	6.09	T	2.44	May	47.5	34.8	41.5
June	5.30	0.00	1.59	June	56.0	46.0	50.7
July	8.24	0.51	3.52	July	59.4	49.4	55.3
Aug.	6.50	0.17	2.16	Aug.	59.1	48.9	54.8
Sept.	5.47	0.11	1.68	Sept.	54.2	41.6	48.4
Oct.	5.42	T	1.56	Oct.	48.8	30.8	39.2
Nov.	2.07	T	0.85	Nov.	38.4	22.8	30.5
Dec.	5.89	0.00	0.86	Dec.	32.6	15.1	23.5

Annual.....21.41

Annual.....37.4

T - Less than 0.01 inch.

# Table 1

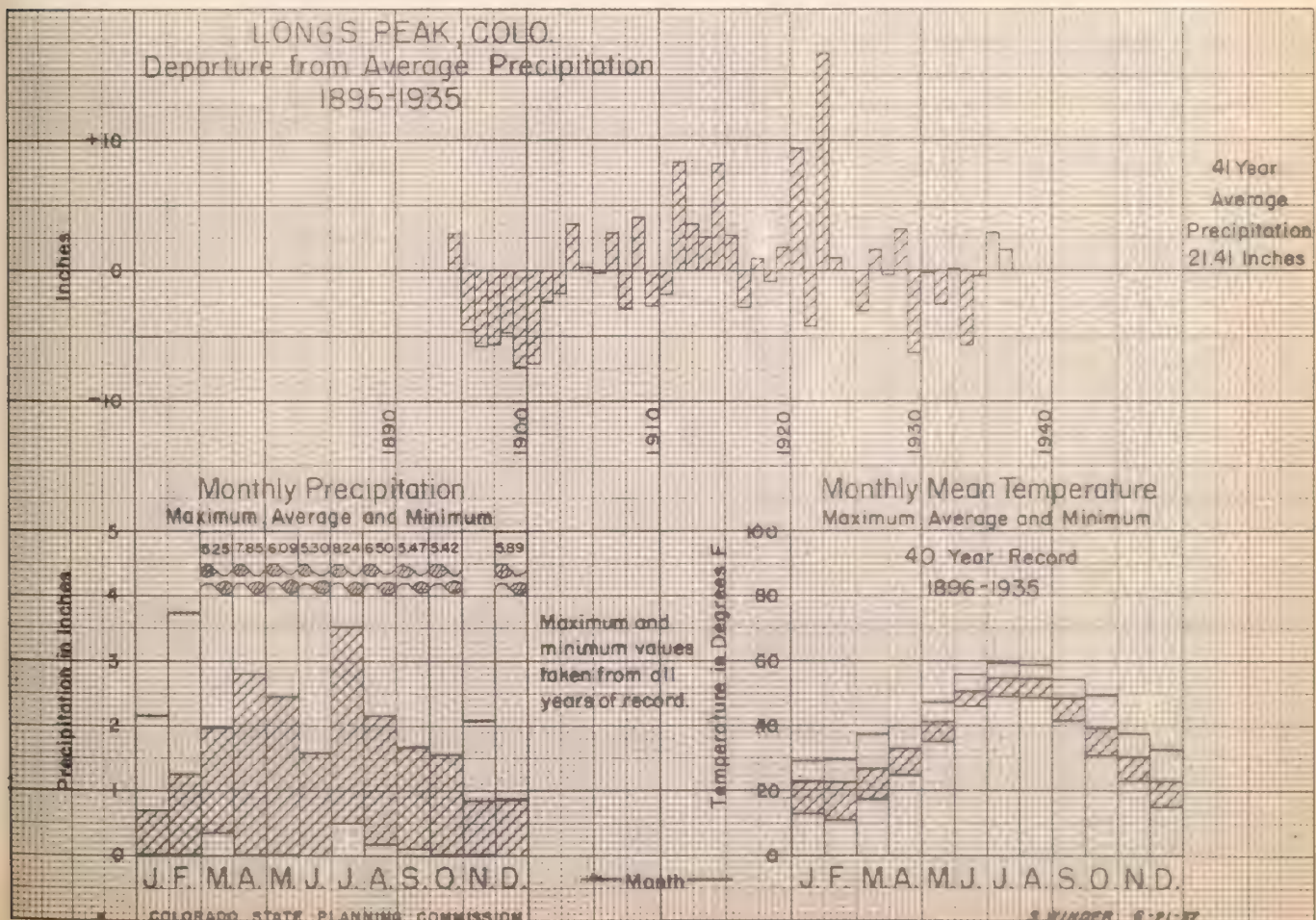
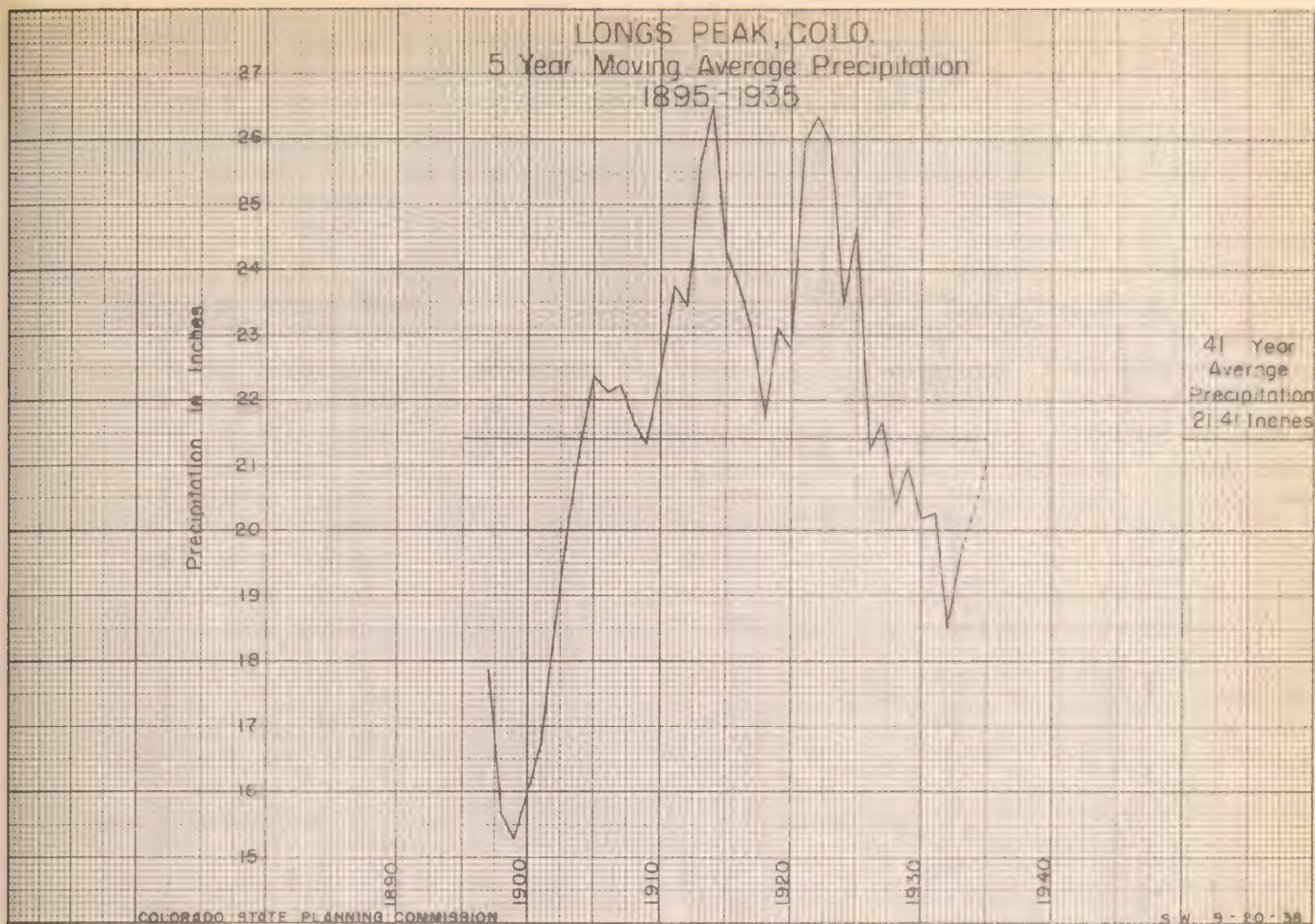
Year	1910-1911		1911-1912		1912-1913	
	Area	Yield	Area	Yield	Area	Yield
1910	1000	1000	1000	1000	1000	1000
1911	1000	1000	1000	1000	1000	1000
1912	1000	1000	1000	1000	1000	1000
1913	1000	1000	1000	1000	1000	1000
1914	1000	1000	1000	1000	1000	1000
1915	1000	1000	1000	1000	1000	1000
1916	1000	1000	1000	1000	1000	1000
1917	1000	1000	1000	1000	1000	1000

Notes: The figures in this table are based on the data collected during the period 1910-1917. The figures are given in thousands of acres and bushels of wheat. The figures are given in thousands of acres and bushels of wheat. The figures are given in thousands of acres and bushels of wheat.

Year	1910-1911		1911-1912		1912-1913	
	Area	Yield	Area	Yield	Area	Yield
1910	1000	1000	1000	1000	1000	1000
1911	1000	1000	1000	1000	1000	1000
1912	1000	1000	1000	1000	1000	1000
1913	1000	1000	1000	1000	1000	1000
1914	1000	1000	1000	1000	1000	1000
1915	1000	1000	1000	1000	1000	1000
1916	1000	1000	1000	1000	1000	1000
1917	1000	1000	1000	1000	1000	1000

Notes: The figures in this table are based on the data collected during the period 1910-1917. The figures are given in thousands of acres and bushels of wheat. The figures are given in thousands of acres and bushels of wheat.









# MANASSA, COLORADO

Elevation 7,700 Feet		Conejos County		Index No. W 140	
Year	Annual Precipitation In Inches	Per Cent of 30-Yr. Average	Departure From 30-Yr. Average	Cumulative Departure From 30-Yr. Average	Five-Year Moving Average
1906	8.40	123	1.59	1.59	
07	7.43	109	0.62	2.21	
08	5.93	87	-0.88	1.33	6.61
09	6.36	93	-0.45	0.88	6.94
1910	4.91	72	-1.90	-1.02	6.47
11	10.09	148	3.28	2.26	6.64
12	5.05	74	-1.76	0.50	7.68
13	6.78	100	-0.03	0.47	8.37
14	11.57	170	4.76	5.23	7.81
15	8.35	123	1.54	6.77	7.32
16	7.28	107	0.47	7.24	7.61
17	2.64	39	-4.17	3.07	6.78
18	8.19	120	1.38	4.45	6.63
19	7.43	109	0.62	5.07	6.38
1920	7.59	111	0.78	5.85	6.84
21	6.04	89	-0.77	5.08	6.95
22	4.95	73	-1.86	3.22	6.83
23	8.74	128	1.93	5.15	6.54
24	6.83	100	0.02	5.17	6.35
25	6.14	90	-0.67	4.50	6.66
26	5.10	75	-1.71	2.79	6.17
27	6.48	95	-0.33	2.46	6.07
28	6.30	93	-0.51	1.95	5.92
29	6.32	93	-0.49	1.46	6.37
1930	5.40	79	-1.41	0.05	6.11
31	7.36	108	0.55	0.60	6.19
32	5.17	76	-1.64	-1.04	5.96
33	6.72	99	-0.09	-1.13	6.31
34	5.14	75	-1.67	-2.80	7.43
35	9.68	142	2.87	0.07	8.11
36	10.46	154	3.65		
37	8.55	126	1.74		

Average Precipitation 30-Years 1906-1935 6.81

Estimated Average Precipitation 46-Years 1890-1935 6.5

Annual precipitation figures from U. S. Weather Bureau.





MANASSA, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 30-YEAR PERIOD

1906 TO 1935, INCLUSIVE

MONTHLY MEAN TEMPERATURE

FOR THE 30-YEAR PERIOD

1906 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	0.44	T	0.11
Feb.	0.90	T	0.23
Mar.	1.47	T	0.40
Apr.	3.58	T	0.56
May	3.21	T	0.70
June	1.47	T	0.51
July	3.46	0.20	1.14
Aug.	2.95	0.41	1.32
Sept.	1.75	0.02	0.61
Oct.	2.28	T	0.69
Nov.	1.00	0.00	0.31
Dec.	0.90	T	<u>0.23</u>
Annual.....			6.81

T - Less than 0.01 inch.

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	30.0	4.2	19.3
Feb.	34.4	13.9	26.4
Mar.	39.4	25.8	33.7
Apr.	46.4	36.3	41.6
May	54.6	45.0	49.7
June	68.0	54.0	58.8
July	66.0	59.4	63.0
Aug.	64.3	57.6	61.0
Sept.	58.2	50.4	54.4
Oct.	47.7	38.6	44.3
Nov.	37.6	26.0	31.6
Dec.	30.7	10.3	<u>19.8</u>
Annual.....			42.0

# TABLE I

Summary of the results of the experiments on the effect of the concentration of the solution on the rate of reaction.

Summary of the results of the experiments on the effect of the concentration of the solution on the rate of reaction.

Conc. of solution	Rate of reaction	Conc. of solution	Rate of reaction
0.1M	0.01	0.1M	0.01
0.2M	0.02	0.2M	0.02
0.3M	0.03	0.3M	0.03
0.4M	0.04	0.4M	0.04
0.5M	0.05	0.5M	0.05
0.6M	0.06	0.6M	0.06
0.7M	0.07	0.7M	0.07
0.8M	0.08	0.8M	0.08
0.9M	0.09	0.9M	0.09
1.0M	0.10	1.0M	0.10
1.1M	0.11	1.1M	0.11
1.2M	0.12	1.2M	0.12
1.3M	0.13	1.3M	0.13
1.4M	0.14	1.4M	0.14
1.5M	0.15	1.5M	0.15
1.6M	0.16	1.6M	0.16
1.7M	0.17	1.7M	0.17
1.8M	0.18	1.8M	0.18
1.9M	0.19	1.9M	0.19
2.0M	0.20	2.0M	0.20

TABLE I



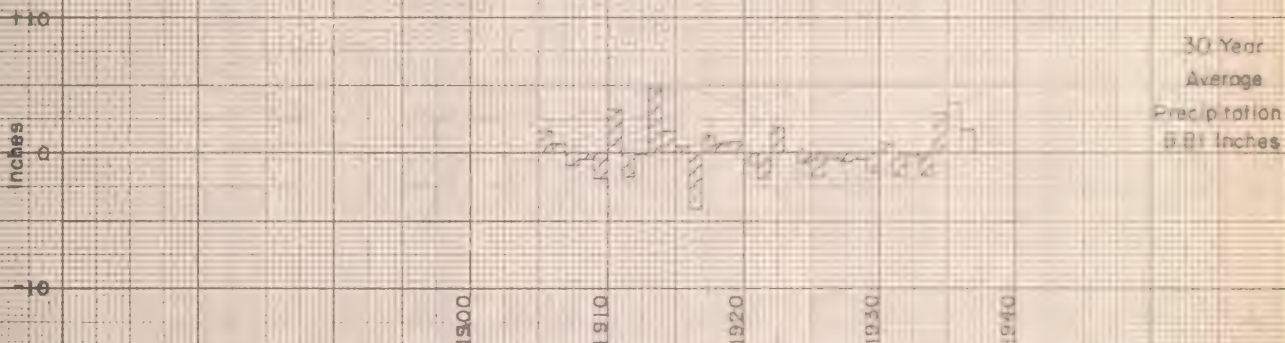
# MANASSA, COLO. 5 Year Moving Average Precipitation 1906-1935



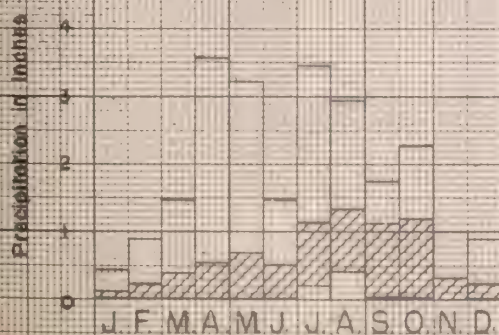
COLORADO STATE PLANNING COMMISSION

1935 4-26-37

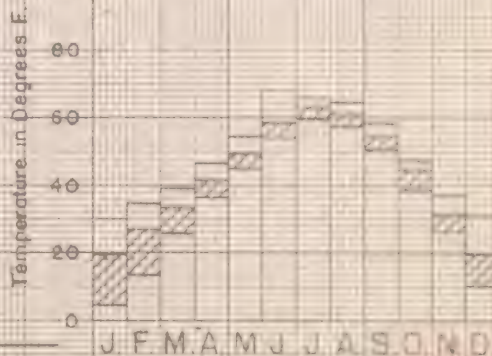
# MANASSA, COLO. Departure from Average Precipitation 1906-1935



Monthly Precipitation  
Maximum, Average and Minimum



Monthly Mean Temperature  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

1935 4-26-37





# MEEKER, COLORADO

Elevation 6,500 Feet		Rio Blanco County		Index No. W. 22	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1891	16.22	103	0.53	0.53	
92	15.83	101	0.14	0.67	
93	15.50	99	-0.19	0.48	15.85
94	14.94	95	-0.75	-0.27	15.86
95	16.74	107	1.05	0.78	17.55
96	16.28	104	0.59	1.37	17.12
97	24.30	155	8.61	9.98	18.14
98	13.34	85	-2.35	7.63	17.04
99	20.05	128	4.36	11.99	16.80
1900	11.21	71	-4.48	7.51	14.11
01	15.09	96	-0.60	6.91	14.82
02	10.88	69	-4.81	2.10	13.41
03	16.87	107	1.18	3.28	14.16
04	12.98	83	-2.71	0.57	15.21
05	14.96	95	-0.73	-0.16	16.62
06	20.35	130	4.66	4.50	16.50
07	17.93	114	2.24	6.74	17.23
08	16.30	104	0.61	7.35	17.11
09	16.60	106	0.91	8.26	16.06
1910	14.36	92	-1.33	6.93	15.80
11	15.11	96	-0.58	6.35	14.83
12	16.62	106	0.93	7.28	14.90
13	11.44	73	-4.25	3.03	14.56
14	16.98	108	1.29	4.32	15.67
15	12.67	81	-3.02	1.30	14.95
16	20.62	131	4.93	6.23	16.44
17	13.05	83	-2.64	3.59	15.54
18	18.90	120	3.21	6.80	16.13
19	12.44	79	-3.25	3.55	15.27
1920	15.63	100	-0.06	3.49	15.17
21	16.33	104	0.64	4.13	14.30
22	12.55	80	-3.14	0.99	14.66
23	14.57	93	-1.12	-0.13	15.70
24	14.21	91	-1.48	-1.61	15.36
25	20.36	133	5.17	3.56	





NEEKER, COLORADO  
(Continued)

Elevation 6,500 Feet		Rio Blanco County		Index No. W. 22	
Year	Annual Precipitation In Inches	Per Cent of 41-Yr. Average	Departure From 41-Yr. Average	Cumulative Departure From 41-Yr. Average	Five-Year Moving Average
1926	14.62	93	-1.07	2.49	
27#					
*					
1931	16.62	106	0.93	3.42	
32	16.92	108	1.23	4.65	
33	14.30	91	-1.39	3.26	15.22
34	13.29	85	-2.40	0.86	14.59
35	14.95	95	-0.74	0.12	15.27
36	13.50	86	-2.19		
37	20.29	129	4.60		

Average Precipitation 41-Years 1891-1926, 1931-1935 15.69

Estimated Average Precipitation 46-Years 1890-1935 15.9

\*Partial record.

\*No record.

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 41-YEAR PERIOD  
1891-1926, 1931-1935 INCL.

MONTHLY MEAN TEMPERATURE  
FOR THE 38-YEAR PERIOD  
1894-1926, 1931-1935 INCL.

Month	Max.	Min.	Average
Jan.	3.23	T	1.01
Feb.	2.33	0.16	0.98
Mar.	4.25	0.11	1.43
Apr.	3.94	0.30	1.59
May	3.33	0.24	1.45
June	3.26	T	0.81
July	3.71	0.12	1.53
Aug.	6.47	0.25	1.71
Sept.	4.42	T	1.65
Oct.	4.60	0.00	1.34
Nov.	2.53	T	1.09
Dec.	2.19	0.10	1.10

Annual.....15.69

T - Less than 0.01 inch.

Month	Max.	Min.	Average
Jan.	29.2	10.8	20.2
Feb.	37.2	11.5	24.8
Mar.	42.3	23.7	33.6
Apr.	48.6	36.2	43.1
May	56.8	45.7	51.1
June	66.3	54.0	59.4
July	70.3	61.2	65.4
Aug.	69.0	60.4	63.6
Sept.	59.9	51.0	55.5
Oct.	49.5	38.0	44.5
Nov.	39.4	27.4	33.2
Dec.	34.4	10.2	21.0

Annual.....43.0

\* Not included in years used  
to obtain average.

TABLE I				
Year	1900	1901	1902	1903
Population	1,000,000	1,050,000	1,100,000	1,150,000
Area (sq. miles)	100,000	100,000	100,000	100,000
Population per sq. mile	10	10.5	11	11.5
Area per 100,000 pop.	100	95.2	90.9	87.0

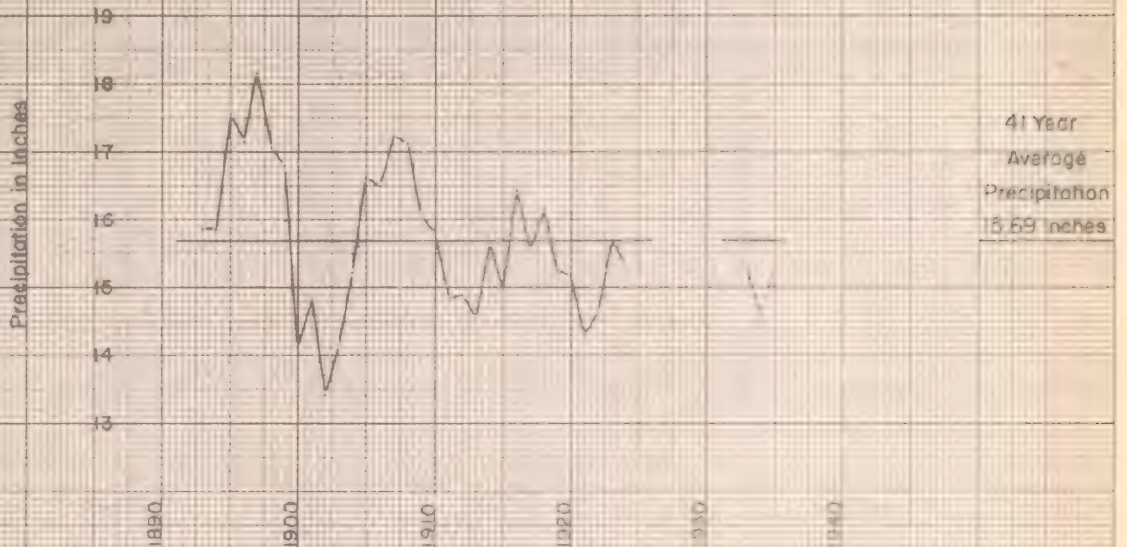
Source: U.S. Census Bureau, 1904.  
 Figures for 1900 are based on the 1900 Census.  
 Figures for 1901, 1902, and 1903 are based on the 1900 Census, assuming a constant rate of increase.

TABLE II			
Year	1900	1901	1902
Population	1,000,000	1,050,000	1,100,000
Area (sq. miles)	100,000	100,000	100,000
Population per sq. mile	10	10.5	11
Area per 100,000 pop.	100	95.2	90.9

Source: U.S. Census Bureau, 1904.  
 Figures for 1900 are based on the 1900 Census.  
 Figures for 1901 and 1902 are based on the 1900 Census, assuming a constant rate of increase.



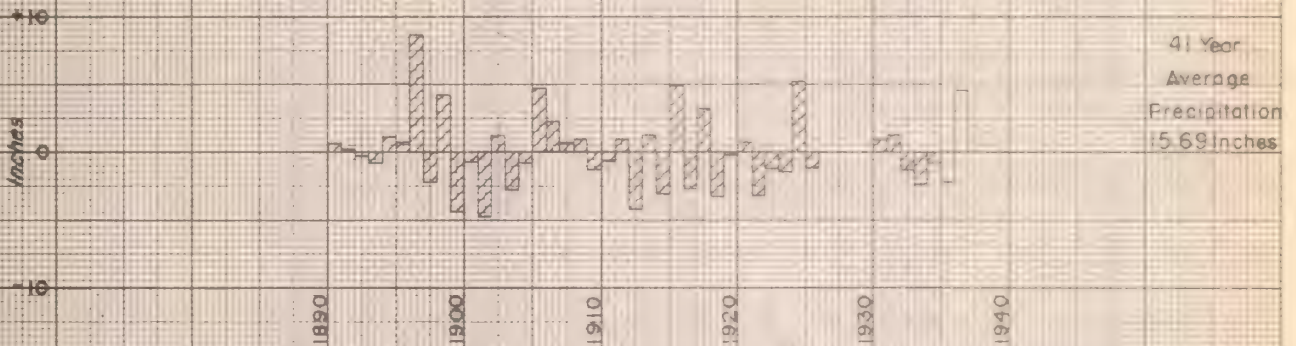
# MEEKER, COLO 5 Year Moving Average Precipitation 1891-1926, 1931-1935



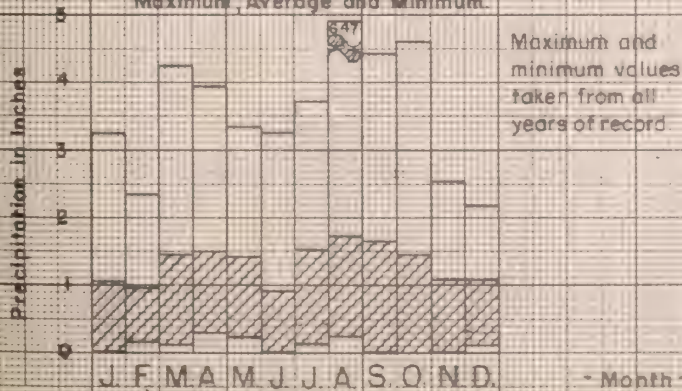
COLORADO STATE PLANNING COMMISSION

S.W. 10-25-37

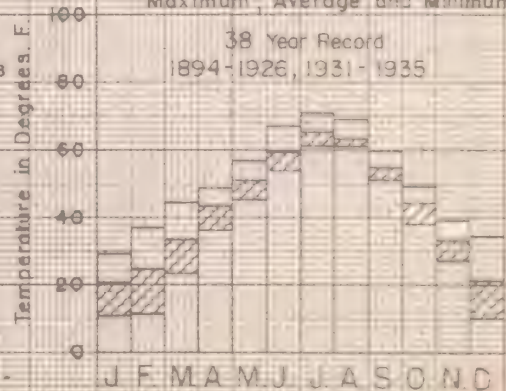
## MEEKER, COLO Departure from Average Precipitation 1891-1935



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W.  
12-22-34





# MONTROSE, COLORADO

Elevation 5,811 Feet		Montrose County		Index No. W. 75	
Year	Annual Precipitation In inches	Per Cent of 45-Yr. Average	Departure From 45-Yr. Average	Cumulative Departure From 45-Yr. Average	Five-Year Moving Average
1885	10.93	115	1.42	1.42	
86	9.89	104	0.38	1.80	
87	9.64	101	0.13	1.93	9.23
88	8.50	89	-1.01	0.92	8.87
89	7.20	76	-2.31	-1.39	9.16
1890	9.10	96	-0.41	-1.80	9.04
91	11.38	120	1.87	0.07	9.24
92	9.03	95	-0.48	-0.41	
93	9.51	100	-0.00	-0.41	
94*					
95 <sup>1/2</sup>					
96	6.47	68	-3.04		
97	15.62	164	6.11		
98*					
99 <sup>1/2</sup>					
1900	5.88	62	-3.63	-4.04	
01	6.19	65	-3.32	-7.36	
02	6.52	68	-2.99	-10.35	6.84
03	8.10	85	-1.41	-11.76	7.91
04	7.53	79	-1.98	-13.74	9.35
05	11.20	118	1.69	-12.05	10.35
06	13.39	141	3.88	-8.17	10.71
07	11.54	121	2.03	-6.14	11.44
08	9.87	104	0.36	-5.78	10.52
09	11.19	118	1.68	-4.10	10.20
1910	6.63	70	-2.88	-6.98	10.08
11	11.79	124	2.28	-4.70	9.72
12	10.91	115	1.40	-3.30	10.12
13	8.06	85	-1.45	-4.75	10.59
14	13.23	139	3.72	-1.03	10.86
15	8.98	94	-0.53	-1.56	10.24
16	13.13	138	3.62	2.06	10.83
17	7.79	82	-1.72	0.34	10.17
18	11.00	116	1.49	1.83	10.39
19	9.93	104	0.42	2.25	9.88
1920	10.08	106	0.57	2.82	9.85
21	10.62	112	1.11	3.93	9.46
22	7.64	80	-1.87	2.06	9.30
23	9.05	95	-0.46	1.60	9.29
24	9.13	96	-0.38	1.22	9.33
25	10.01	105	0.50	1.72	10.34





MONTROSE, COLORADO  
(Continued)

Elevation 5,811 Feet			Montrose County		Index No. W 75
Year	Annual Precipitation In Inches	Per Cent of 45-Yr. Average	Departure From 45-Yr. Average	Cumulative Departure From 45-Yr. Average	Five-Year Moving Average
1926	10.83	114	1.32	3.04	10.79
27	12.70	133	3.19	6.23	11.04
28	11.28	119	1.77	8.00	10.86
29	10.39	109	0.88	8.88	10.21
1930	9.08	96	-0.43	8.45	9.45
31	7.62	80	-1.89	6.56	8.69
32	8.88	93	-0.63	5.93	8.20
33	7.47	79	-2.04	3.89	7.82
34	7.93	83	-1.58	2.31	7.81
35	7.20	76	-2.31	0.00	7.44
36	7.57	80	-1.94		
37	7.05	74	-2.46		

Average Precipitation    45-Years    1885-1893, 1900-1935    9.51

Estimated Average Precipitation    46-Years    1890-1935    9.5

\* No record.    # Partial record.

Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 45-YEAR PERIOD  
1885-1893, 1900-1935, INCL.

Month	Max.	Min.	Average
Jan.	1.92	0.00	0.60
Feb.	2.76	T	0.53
Mar.	*3.41	0.00	0.71
Apr.	3.14	0.03	0.75
May	2.73	0.00	0.91
June	1.59	0.00	0.42
July	2.10	T	0.87
Aug.	2.83	0.25	1.36
Sept.	3.07	0.00	1.00
Oct.	2.81	0.00	0.92
Nov.	*2.50	0.00	0.56
Dec.	1.81	0.00	0.68

Annual.....9.51

\* Not included in years used to  
obtain average.

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE  
FOR THE 41-YEAR PERIOD  
1885-1893, 1904-1935, INCL.

Month	Max.	Min.	Average
Jan.	33.0	16.2	23.9
Feb.	39.2	19.3	31.4
Mar.	47.0	33.1	39.5
Apr.	54.2	41.6	47.8
May	64.0	49.1	56.3
June	*74.9	59.3	65.7
July	76.6	64.8	71.2
Aug.	73.8	64.4	68.7
Sept.	66.0	56.5	61.1
Oct.	54.8	42.5	49.3
Nov.	44.8	28.7	36.8
Dec.	38.4	14.0	26.0

Annual.....48.1

\* Not included in years used to  
obtain average.





MONTROSE, COLO.  
5 Year Moving Average Precipitation  
1885-1893, 1900-1935



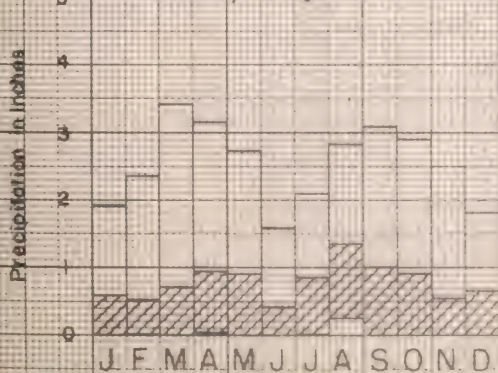
COLORADO STATE PLANNING COMMISSION

S.W. 10-28-37

MONTROSE, COLO.  
Departure from Average Precipitation  
1885-1935  
Years of record: 47



Monthly Precipitation  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

Monthly Mean Temperature  
Maximum, Average and Minimum



S.W. 11-30-37





# FACIMA, COLORADO

Elevation 5,694 Feet		Delta County		Index No. W. 53	
Year	Annual Precipitation In Inches	Per Cent of 44-Yr. Average	Departure From 44-Yr. Average	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1892	11.12	75	-3.74	-3.74	
93	13.38	90	-1.48	-5.22	
94	13.62	92	-1.24	-6.46	11.63
95	11.78	79	-3.08	-9.54	11.37
96	8.26	56	-6.60	-13.14	10.23
97	9.81	66	-5.05	-21.19	10.48
98	7.67	52	-7.19	-28.38	9.66
99	*14.86	100	-0.00	-28.38	9.61
1900	7.70	52	-7.16	-35.54	9.60
01	7.99	54	-6.87	-42.41	9.76
02	9.77	66	-5.09	-47.50	9.13
03	8.47	57	-6.39	-53.89	10.84
04	11.71	79	-3.15	-57.04	13.84
05	13.28	110	1.42	-55.62	15.10
06	22.98	155	8.12	-47.50	16.99
07	16.08	108	1.22	-46.28	18.05
08	17.88	120	3.02	-45.26	17.33
09	17.05	115	2.19	-41.07	16.35
1910	12.65	85	-2.21	-43.28	17.01
11	18.11	122	3.25	-40.03	16.11
12	19.38	150	4.52	-35.51	17.29
13	13.34	90	-1.52	-37.03	18.25
14	22.99	155	8.13	-28.90	18.58
15	17.45	117	2.57	-26.33	17.59
16	19.78	133	4.92	-21.41	19.00
17	14.40	97	-0.46	-21.87	17.44
18	20.38	157	5.52	-16.35	17.92
19	15.20	102	0.34	-16.01	17.87
1920	19.82	133	4.96	-11.05	18.02
21	19.56	132	4.70	-6.35	17.34
22	15.14	102	0.28	-6.07	17.33
23	13.98	114	2.12	-3.95	13.40
24	15.13	102	0.27	-3.68	15.89
25	15.21	102	0.35	-3.33	17.22
26	16.98	114	2.12	-1.21	16.96
27	21.79	147	6.93	5.72	17.50
28	15.69	106	0.83	6.55	17.95
29	17.85	120	2.99	9.54	17.65
1930	17.42	117	2.56	12.10	15.74

Year	Country	Population (millions)		GDP (billions of dollars)	GDP per capita (dollars)
		1980	1990		
1980	USA	226	248	2,800	12,400
1980	USSR	240	260	2,500	10,400
1980	China	954	1,058	160	168
1980	India	754	851	100	133
1980	Japan	123	126	2,300	18,700
1980	West Germany	61	62	1,500	24,600
1980	France	56	57	1,400	25,000
1980	Italy	58	59	1,300	22,200
1980	UK	56	57	1,200	21,400
1980	Canada	24	25	1,100	45,800
1980	Australia	16	16	1,000	62,500
1980	New Zealand	3	3	1,000	33,300
1980	South Africa	16	16	1,000	62,500
1980	Sweden	8	8	1,000	125,000
1980	Norway	4	4	1,000	250,000
1980	Finland	4	4	1,000	250,000
1980	Denmark	5	5	1,000	200,000
1980	Ireland	0.7	0.7	1,000	142,857
1980	Belgium	9	9	1,000	111,111
1980	Netherlands	15	15	1,000	66,667
1980	Switzerland	2	2	1,000	500,000
1980	Austria	8	8	1,000	125,000
1980	Portugal	10	10	1,000	100,000
1980	Greece	10	10	1,000	100,000
1980	Spain	29	29	1,000	34,483
1980	Italy	58	59	1,300	22,200
1980	France	56	57	1,400	25,000
1980	West Germany	61	62	1,500	24,600
1980	Japan	123	126	2,300	18,700
1980	USSR	240	260	2,500	10,400
1980	China	954	1,058	160	168
1980	India	754	851	100	133
1980	USA	226	248	2,800	12,400



PAONIA, COLORADO  
(Continued)

Elevation 5,694 Feet			Delta County		Index No. W. 53
Year	Annual Precipitation In Inches	Per Cent of 44-Yr. Average	Departure From 44-Yr. Average	Cumulative Departure From 44-Yr. Average	Five-Year Moving Average
1931	15.52	104	0.66	12.76	15.11
32	12.22	82	-2.64	10.12	13.86
33	12.55	84	-2.31	7.81	12.42
34	11.60	78	-3.26	4.55	12.31
35	10.22	69	-4.64	-0.09	12.50
36	14.96	101	0.10		
37	13.18	89	-1.68		

Average Precipitation 44-Years 1892-1935 14.86

Estimated Average Precipitation 46-Years 1890-1935 14.9

\* No record. 43-year average used after checking with records at Delta, Collbran and Cedaredge.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 44-YEAR PERIOD  
1892-1898, 1900-1935, INCL.

MONTHLY MEAN TEMPERATURE  
FOR THE 31-YEAR PERIOD  
1905 TO 1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	4.38	T	1.22
Feb.	3.55	0.17	1.28
Mar.	6.40	0.06	1.45
Apr.	3.55	0.05	1.42
May	3.97	T	1.44
June	2.68	0.00	0.59
July	2.04	T	1.04
Aug.	3.23	0.22	1.36
Sept.	3.43	0.00	1.40
Oct.	3.65	T	1.41
Nov.	3.63	0.00	1.07
Dec.	2.88	T	1.18

Annual.....14.86

Month	Max.	Min.	Average
Jan.	34.1	16.0	25.2
Feb.	41.8	20.1	32.0
Mar.	49.0	31.6	39.7
Apr.	53.0	40.7	48.0
May	62.2	49.0	56.1
June	69.2	59.4	65.2
July	75.4	67.4	71.3
Aug.	73.3	64.8	69.1
Sept.	65.6	55.4	61.3
Oct.	58.4	44.4	50.8
Nov.	44.8	32.8	39.1
Dec.	38.3	18.3	26.9

Annual.....48.7

T - Less than 0.01 inch.





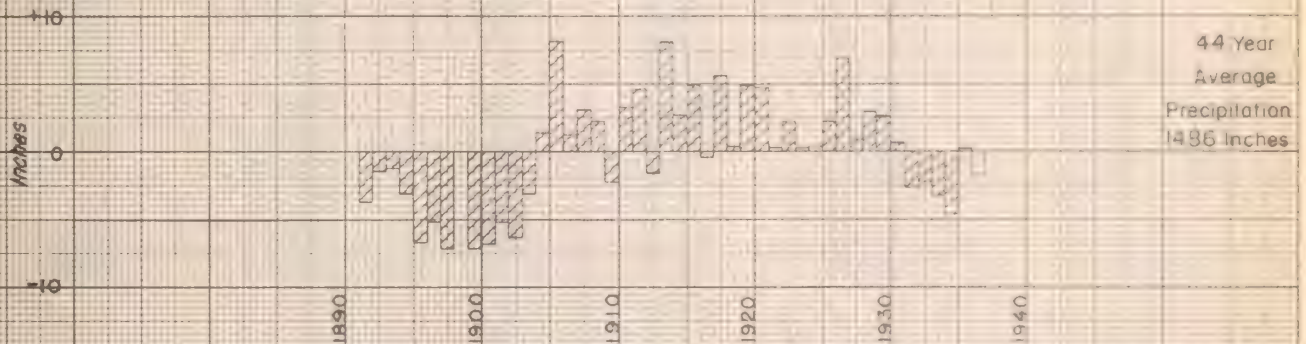
PAONIA, COLO.  
5-Year Moving Average Precipitation  
1892-1935



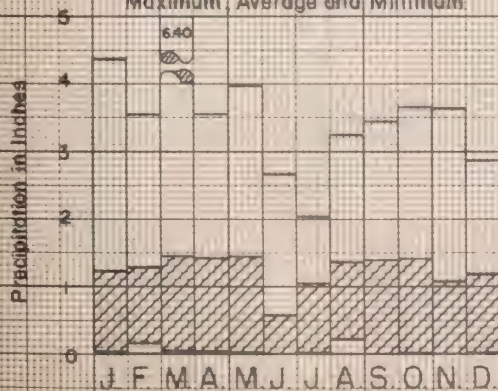
COLORADO STATE PLANNING COMMISSION

5-10-27-37

PAONIA, COLO.  
Departure from Average Precipitation  
1892-1935

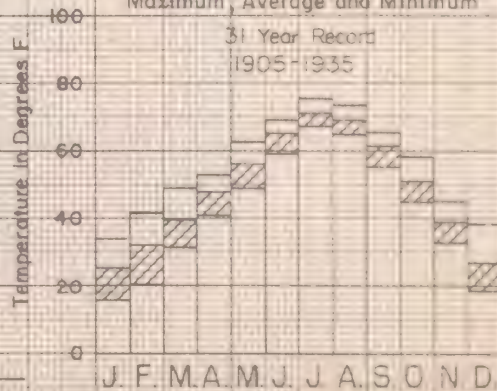


Monthly Precipitation  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

Monthly Mean Temperature  
Maximum, Average and Minimum



5-10-27-37





PUEBLO, COLORADO

Elevation 4,685 Feet		Pueblo County		Index No. S. E. 50	
Year	Annual Precipitation In Inches	Per Cent of 62-Yr. Average	Departure From 62-Yr. Average	Cumulative Departure From 62-Yr. Average	Five-Year Moving Average
1869	15.97	132	3.88	3.88	
1870	13.87	115	1.78	5.66	
71	14.89	123	2.80	8.46	15.58
72	25.45	210	13.36	21.82	14.63
73	7.74	64	-4.35	17.47	15.16
74	11.18	92	-0.91	16.56	14.46
75	16.55	137	4.46	21.02	12.08
76	11.39	94	-0.70	20.32	12.96
77	13.56	112	1.47	21.79	
1878	12.14	100	0.05	21.84	
*					
1884	13.62	113	1.53	23.37	
85	15.81	131	3.72	27.09	
86	11.08	92	-1.01	26.08	12.36
87	13.98	116	1.89	27.97	11.74
88	7.32	61	-4.77	23.20	10.24
89	10.50	87	-1.59	21.61	10.64
1890	8.31	69	-3.78	17.83	10.80
91	13.09	108	1.00	18.83	10.70
92	14.78	122	2.69	21.52	11.13
93	6.84	57	-5.25	16.27	12.96
94	12.64	104	0.55	16.82	12.51
95	17.47	144	5.38	22.20	12.09
96	10.81	89	-1.28	20.92	12.90
97	12.71	105	0.32	21.54	12.98
98	10.85	90	-1.24	20.30	12.16
99	13.05	108	0.96	21.26	12.37
1900	13.37	111	1.28	22.54	11.90
01	11.86	86	-0.23	22.31	11.00
02	10.37	86	-1.72	20.59	12.03
03	10.35	86	-1.74	18.85	12.26
04	14.22	118	2.13	20.98	12.09
05	14.50	120	2.41	23.39	11.93
06	11.00	91	-1.09	22.30	11.08
07	9.56	79	-2.55	19.77	11.14
08	6.14	51	-5.95	13.82	10.16
09	14.52	120	2.43	16.25	9.76
1910	9.56	79	-2.53	13.72	10.16

No.	Name	Rank	Remarks
1	John Smith	Private	Discharged
2	James Brown	Private	Discharged
3	William Jones	Private	Discharged
4	Robert Taylor	Private	Discharged
5	Thomas White	Private	Discharged



PUEBLO, COLORADO  
(Continued)

Elevation 4,685 Feet		Pueblo County		Index No. S. E. 50	
Year	Annual Precipitation In Inches	Per Cent of 62-Yr. Average	Departure From 62-Yr. Average	Cumulative Departure From 62-Yr. Average	Five-Year Moving Average
1911	9.00	74	-3.09	10.63	11.05
12	11.58	96	-0.51	10.12	11.86
13	10.58	87	-1.51	8.61	12.91
14	18.58	154	6.49	15.10	13.08
15	14.82	122	2.73	17.83	13.36
16	9.83	81	-2.26	15.57	13.00
17	13.00	108	0.91	16.48	12.52
18	8.79	73	-3.30	13.18	11.52
19	16.17	134	4.08	17.26	13.61
1920	9.83	81	-2.26	15.00	12.41
21	20.28	176	8.19	23.19	14.13
22	6.98	58	-5.11	18.08	12.31
23	17.38	144	5.29	23.37	12.45
24	7.08	59	-5.01	18.36	10.39
25	10.52	87	-1.57	16.79	11.34
26	10.00	83	-2.09	14.70	9.96
27	11.72	97	-0.37	14.33	10.95
28	10.47	86	-1.62	12.71	11.69
29	12.06	100	-0.03	12.68	11.46
1930	14.22	118	2.13	14.81	10.96
31	8.82	73	-3.27	11.54	11.62
32	9.23	76	-2.86	8.68	10.36
33	13.77	114	1.68	10.36	9.13
34	5.78	48	-6.31	4.05	9.93
35	8.06	67	-4.03	0.02	9.59
36	12.83	106	0.74		
37	7.52	62	-4.57		

Average Precipitation      62-Years    1869-1878, 1884-1935    12.09

Estimated Average Precipitation    56-Years    1880-1935    11.6

© Average used for missing months record.

\* No record.

Annual precipitation figures from U. S. Weather Bureau, except as noted.

# ANNUAL REPORT 1901

Year	Favorable to the Cause	The Year 1901	Favorable to the Cause	Favorable to the Cause	
				1900	1901
1901	100	100	100	100	100
1900	95	95	95	95	95
1899	90	90	90	90	90
1898	85	85	85	85	85
1897	80	80	80	80	80
1896	75	75	75	75	75
1895	70	70	70	70	70
1894	65	65	65	65	65
1893	60	60	60	60	60
1892	55	55	55	55	55
1891	50	50	50	50	50
1890	45	45	45	45	45
1889	40	40	40	40	40
1888	35	35	35	35	35
1887	30	30	30	30	30
1886	25	25	25	25	25
1885	20	20	20	20	20
1884	15	15	15	15	15
1883	10	10	10	10	10
1882	5	5	5	5	5
1881	0	0	0	0	0

ANNUAL REPORT OF THE BOARD OF DIRECTORS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS FOR THE YEAR 1901

REPORT OF THE BOARD OF DIRECTORS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS FOR THE YEAR 1901

REPORT OF THE BOARD OF DIRECTORS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS FOR THE YEAR 1901

REPORT OF THE BOARD OF DIRECTORS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS FOR THE YEAR 1901

PUEBLO, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 62-YEAR PERIOD

1869-1878, 1884-1935, INCL.

MONTHLY MEAN TEMPERATURE

FOR THE 47-YEAR PERIOD

1889 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	1.30	0.00	0.32
Feb.	1.35	T	0.56
Mar.	3.06	0.01	0.65
Apr.	11.92	0.00	1.54
May	3.76	0.06	1.59
June	7.14	0.00	1.31
July	6.72	0.29	1.96
Aug.	4.65	0.15	1.72
Sept.	3.93	T	0.86
Oct.	2.75	0.00	0.60
Nov.	6.90	0.00	0.50
Dec.	1.35	T	<u>0.48</u>
Annual.....			12.09

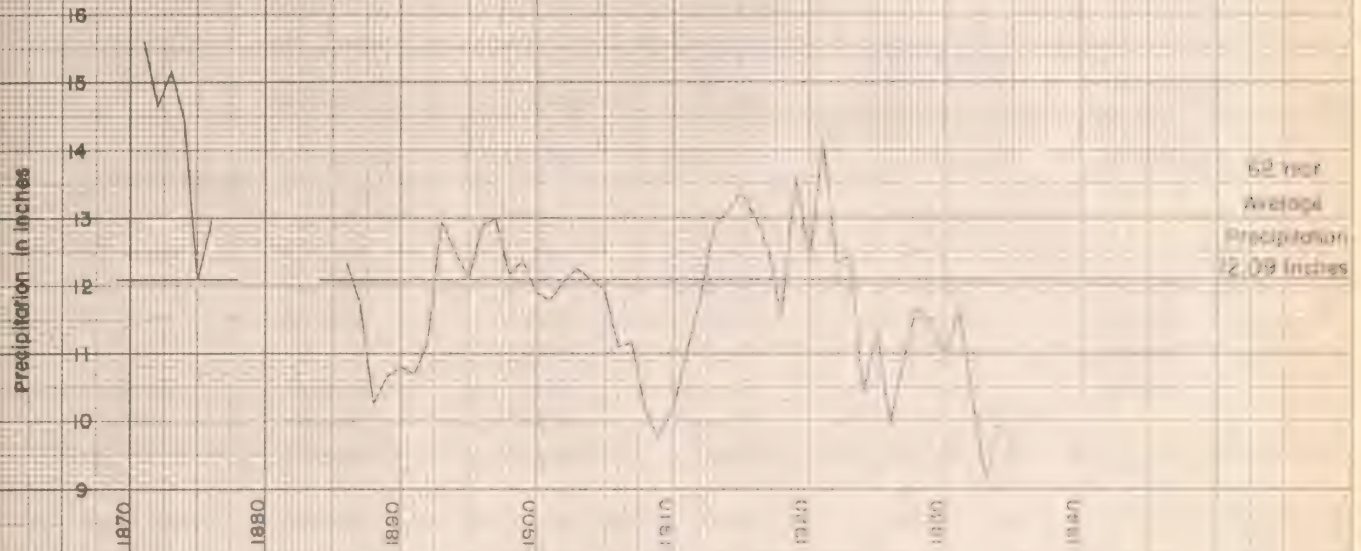
T - Less than 0.01 inch.

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	39.1	18.8	31.3
Feb.	43.2	18.6	33.6
Mar.	51.2	31.8	41.3
Apr.	56.9	43.6	50.1
May	67.0	53.2	59.3
June	74.6	63.9	69.5
July	80.0	69.7	74.5
Aug.	77.3	67.9	73.0
Sept.	71.0	57.4	64.9
Oct.	59.2	46.9	52.6
Nov.	46.0	32.8	40.5
Dec.	42.2	20.2	<u>31.6</u>
Annual.....			51.9





PUEBLO, COLO.  
5 Year Moving Average Precipitation  
1869-1878, 1884-1935

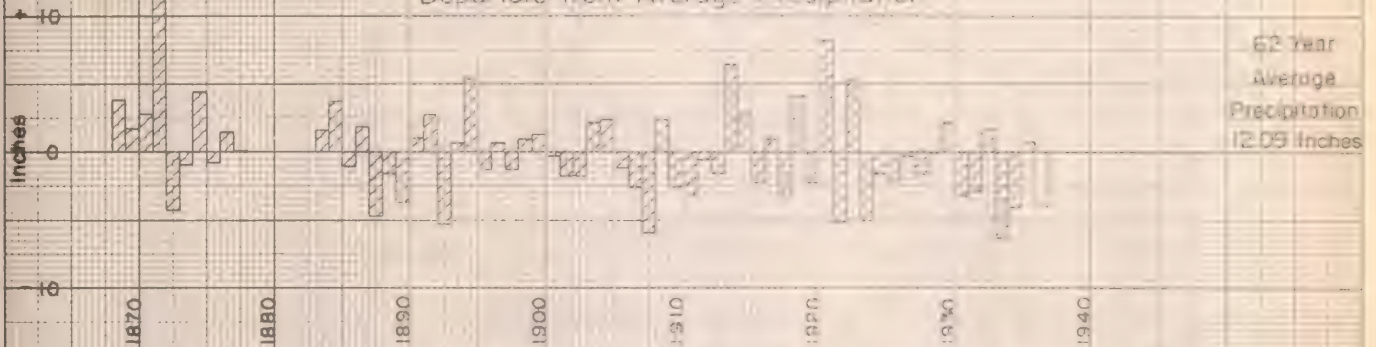


COLORADO STATE PLANNING COMMISSION

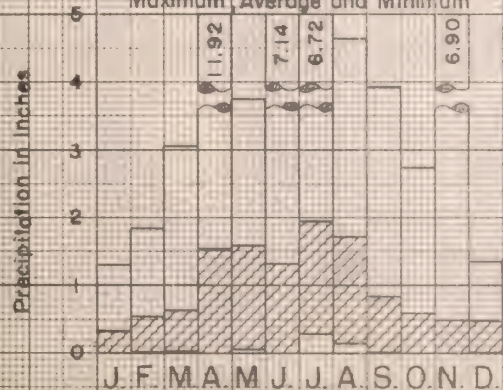
S.W. FEB. 7, 1938

PUEBLO, COLO.  
1869-1878, 1884-1935

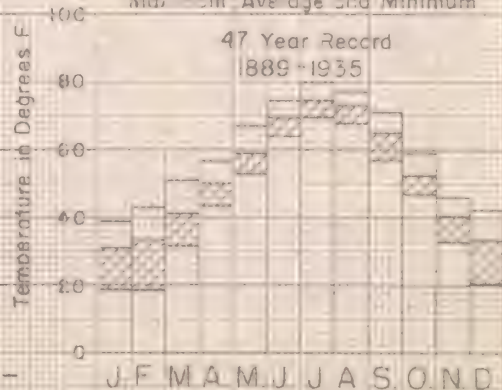
Departure from Average Precipitation



Monthly Precipitation  
Maximum, Average and Minimum



Monthly Mean Temperature  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W. FEB. 7, 1938





# RICO, COLORADO

Elevation 8,824 Feet		Dolores County		Index No. W. 113	
Year	Annual Precipitation In Inches	Per Cent of 34-Yr. Average	Departure From 34-Yr. Average	Cumulative Departure From 34-Yr. Average	Five-Year Moving Average
1891	36.33	141	10.62	10.62	
92	14.97	58	-10.74	-0.12	
93	19.66	77	-6.05	-6.17	24.48
94	20.14	78	-5.57	-11.74	22.26
95	31.29	122	5.58	-6.16	26.89
96	25.25	98	-0.46	-6.62	28.64
97	38.10	148	12.39	5.77	
98	28.40	111	2.69	8.46	
*					
*					
1910	22.91	89	-2.80	5.66	
11	35.78	139	10.07	15.73	
12	15.64	61	-10.07	5.66	24.29
13	26.59	103	0.88	6.54	23.78
14	20.55	80	-5.16	1.38	21.46
15	20.36	79	-5.35	-3.97	21.34
16	24.14	94	-1.57	-5.54	22.22
17	15.07	59	-10.64	-16.18	23.62
18	30.98	121	5.27	-10.91	25.32
19	27.55	107	1.84	-9.07	26.21
1920	28.84	112	3.13	-5.94	28.81
21	28.63	111	2.92	-3.02	28.17
22	28.06	109	2.35	-0.67	26.44
23	27.77	108	2.06	1.39	26.31
24	18.90	74	-6.81	-5.42	26.55
25	28.17	110	2.46	-2.96	26.25
26	29.85	116	4.14	1.18	26.84
27	36.58	142	10.87	12.05	28.68
28	20.70	81	-5.01	7.04	28.28
29	28.12	109	2.41	9.45	26.65
1930	26.17	102	0.46	9.91	24.47
31	21.70	84	-4.01	5.90	25.32
32	25.64	100	-0.07	5.83	23.36
33	24.98	97	-0.73	5.10	23.71
34	18.30	71	-7.41	-2.31	24.90
35	27.93	109	2.22	-0.09	25.10
36	27.67	108	1.96		
37	26.63	104	0.92		

Average Precipitation 34-Years 1891-1898, 1910-1935 25.71

Estimated Average Precipitation 46-Years 1890-1935 25.1

\*No record. Annual precipitation figures from U. S. Weather Bureau.

Summary of the 1911-1912 Season					
Station	Location	Altitude	Temperature	Humidity	Wind
1	Station 1	1000	75.0	75.0	10.0
2	Station 2	1000	75.0	75.0	10.0
3	Station 3	1000	75.0	75.0	10.0
4	Station 4	1000	75.0	75.0	10.0
5	Station 5	1000	75.0	75.0	10.0
6	Station 6	1000	75.0	75.0	10.0
7	Station 7	1000	75.0	75.0	10.0
8	Station 8	1000	75.0	75.0	10.0
9	Station 9	1000	75.0	75.0	10.0
10	Station 10	1000	75.0	75.0	10.0
11	Station 11	1000	75.0	75.0	10.0
12	Station 12	1000	75.0	75.0	10.0
13	Station 13	1000	75.0	75.0	10.0
14	Station 14	1000	75.0	75.0	10.0
15	Station 15	1000	75.0	75.0	10.0
16	Station 16	1000	75.0	75.0	10.0
17	Station 17	1000	75.0	75.0	10.0
18	Station 18	1000	75.0	75.0	10.0
19	Station 19	1000	75.0	75.0	10.0
20	Station 20	1000	75.0	75.0	10.0
21	Station 21	1000	75.0	75.0	10.0
22	Station 22	1000	75.0	75.0	10.0
23	Station 23	1000	75.0	75.0	10.0
24	Station 24	1000	75.0	75.0	10.0
25	Station 25	1000	75.0	75.0	10.0
26	Station 26	1000	75.0	75.0	10.0
27	Station 27	1000	75.0	75.0	10.0
28	Station 28	1000	75.0	75.0	10.0
29	Station 29	1000	75.0	75.0	10.0
30	Station 30	1000	75.0	75.0	10.0
31	Station 31	1000	75.0	75.0	10.0
32	Station 32	1000	75.0	75.0	10.0
33	Station 33	1000	75.0	75.0	10.0
34	Station 34	1000	75.0	75.0	10.0
35	Station 35	1000	75.0	75.0	10.0
36	Station 36	1000	75.0	75.0	10.0
37	Station 37	1000	75.0	75.0	10.0
38	Station 38	1000	75.0	75.0	10.0
39	Station 39	1000	75.0	75.0	10.0
40	Station 40	1000	75.0	75.0	10.0
41	Station 41	1000	75.0	75.0	10.0
42	Station 42	1000	75.0	75.0	10.0
43	Station 43	1000	75.0	75.0	10.0
44	Station 44	1000	75.0	75.0	10.0
45	Station 45	1000	75.0	75.0	10.0
46	Station 46	1000	75.0	75.0	10.0
47	Station 47	1000	75.0	75.0	10.0
48	Station 48	1000	75.0	75.0	10.0
49	Station 49	1000	75.0	75.0	10.0
50	Station 50	1000	75.0	75.0	10.0

Summary of the 1911-1912 Season. The data shows a consistent pattern of temperature, humidity, and wind across all stations. The temperature remains relatively stable, while humidity and wind show more variation. The overall trend is positive, indicating a successful season.

RICO, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 34-YEAR PERIOD

1891-1898, 1910-1935, INCL.

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	9.81	T	2.48
Feb.	12.00	0.53	2.64
Mar.	6.40	0.64	2.67
Apr.	5.62	0.33	1.67
May	4.15	0.13	1.61
June	5.24	0.00	1.17
July	9.10	0.96	3.04
Aug.	6.54	0.00	2.71
Sept.	9.74	0.36	2.72
Oct.	4.55	0.00	1.54
Nov.	4.50	0.11	1.51
Dec.	5.13	0.08	<u>1.95</u>
Annual.....			25.71

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE

FOR THE 3-YEAR PERIOD

1896 TO 1898, INCLUSIVE

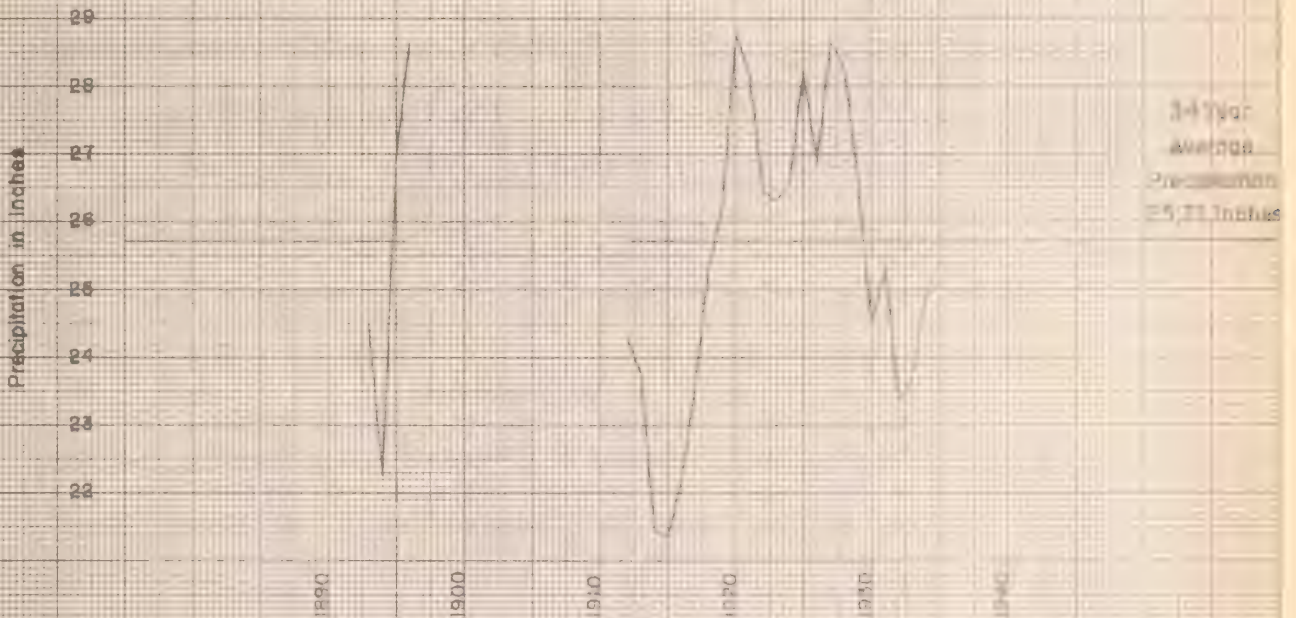
<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	26.1	*1.08	21.3
Feb.	25.4	*1.65	22.7
Mar.	29.3	22.6	25.4
Apr.	39.4	35.9	37.6
May	48.4	42.6	46.0
June	55.8	52.2	53.8
July	59.8	56.4	57.9
Aug.	59.0	55.7	57.1
Sept.	53.1	49.9	51.2
Oct.	41.5	39.7	40.5
Nov.	30.8	26.8	28.3
Dec.	26.6	*1.85	<u>23.6</u>
Annual.....			38.8

\* Not included in years used to obtain average.





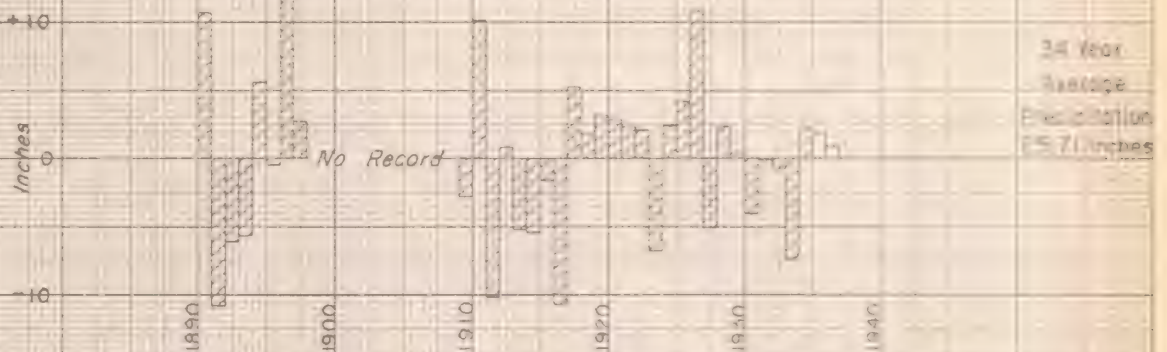
# RICO, COLO. 5 Year Moving Average Precipitation 1891-1898, 1912-1935



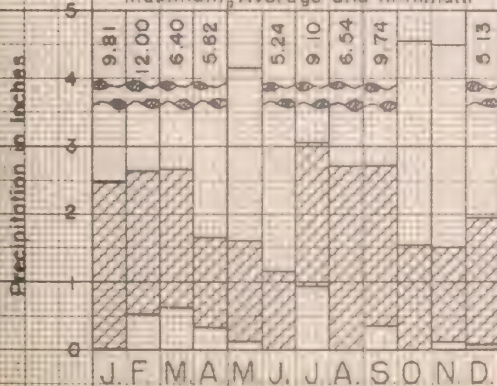
COLORADO STATE PLANNING COMMISSION

EX-10-7-37

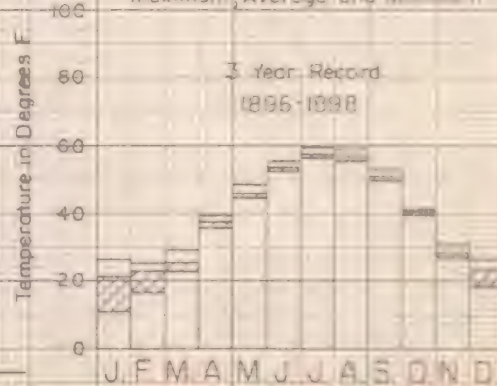
## RICO, COLO. 1891-1898 1910-1935 Departure from Average Precipitation



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

5-5-17-3-1958





# SAGUACHE, COLORADO

Elevation 7,745 Feet		Saguache County		Index No. W. 88	
Year	Annual Precipitation In Inches	Per Cent of 33-Yr. Average	Departure From 33-Yr. Average	Cumulative Departure From 33-Yr. Average	Five-Year Moving Average
1887	10.69	121	1.82		
88	4.41	50	-4.46		
89	7.05	79	-1.82		
1890*					
*					
94	5.79	65	-3.08	-3.08	
95	14.01	158	5.14	2.06	
96	2.88	32	-5.99	-3.93	7.92
97	8.34	100	-0.03	-3.96	7.95
98	8.06	91	-0.81	-4.77	6.40
99	5.96	67	-2.91	-4.76	7.19
1900	6.25	70	-2.62	-10.30	6.84
01	6.86	77	-2.01	-12.31	6.53
02	7.09	80	-1.78	-14.09	6.79
03	6.51	73	-2.36	-16.45	6.30
04	7.26	82	-1.61	-18.06	7.42
05	3.76	42	-5.11	-23.17	8.24
06	12.50	141	3.63	-19.54	
07	11.19	126	2.32	-17.22	
08#					
09#					
1910	7.78	88	-1.09	-18.31	
11	11.46	129	2.59	-15.72	
12	8.31	94	-0.56	-16.28	10.79
13	11.43	129	2.56	-13.72	11.60
14	14.97	169	6.10	-7.62	10.85
15	11.81	133	2.94	-4.68	11.17
16	7.71	87	-1.16	-5.84	11.57
17	9.92	112	1.05	-4.79	10.60
18	13.43	151	4.56	-0.25	10.56
19	10.12	114	1.25	1.02	
1920	11.63	131	2.76	3.78	
21#					
22#					
23	15.64	176	6.77		
24	6.48	73	-2.39		
25#					
26#					
27#					
28	7.66	86	-1.21	2.57	
29	7.31	82	-1.56	1.01	
1930	8.19	92	-0.68	0.33	8.60

# TABLE I

Summary of the results of the experiments on the effect of the concentration of the solution on the rate of the reaction.

Concentration of the solution (M)	Rate of the reaction (M/min)	Time (min)	Temperature (°C)	Initial concentration of the solution (M)
0.01	0.001	100	25	0.01
0.02	0.002	100	25	0.02
0.03	0.003	100	25	0.03
0.04	0.004	100	25	0.04
0.05	0.005	100	25	0.05
0.06	0.006	100	25	0.06
0.07	0.007	100	25	0.07
0.08	0.008	100	25	0.08
0.09	0.009	100	25	0.09
0.10	0.010	100	25	0.10
0.11	0.011	100	25	0.11
0.12	0.012	100	25	0.12
0.13	0.013	100	25	0.13
0.14	0.014	100	25	0.14
0.15	0.015	100	25	0.15
0.16	0.016	100	25	0.16
0.17	0.017	100	25	0.17
0.18	0.018	100	25	0.18
0.19	0.019	100	25	0.19
0.20	0.020	100	25	0.20
0.21	0.021	100	25	0.21
0.22	0.022	100	25	0.22
0.23	0.023	100	25	0.23
0.24	0.024	100	25	0.24
0.25	0.025	100	25	0.25
0.26	0.026	100	25	0.26
0.27	0.027	100	25	0.27
0.28	0.028	100	25	0.28
0.29	0.029	100	25	0.29
0.30	0.030	100	25	0.30
0.31	0.031	100	25	0.31
0.32	0.032	100	25	0.32
0.33	0.033	100	25	0.33
0.34	0.034	100	25	0.34
0.35	0.035	100	25	0.35
0.36	0.036	100	25	0.36
0.37	0.037	100	25	0.37
0.38	0.038	100	25	0.38
0.39	0.039	100	25	0.39
0.40	0.040	100	25	0.40
0.41	0.041	100	25	0.41
0.42	0.042	100	25	0.42
0.43	0.043	100	25	0.43
0.44	0.044	100	25	0.44
0.45	0.045	100	25	0.45
0.46	0.046	100	25	0.46
0.47	0.047	100	25	0.47
0.48	0.048	100	25	0.48
0.49	0.049	100	25	0.49
0.50	0.050	100	25	0.50
0.51	0.051	100	25	0.51
0.52	0.052	100	25	0.52
0.53	0.053	100	25	0.53
0.54	0.054	100	25	0.54
0.55	0.055	100	25	0.55
0.56	0.056	100	25	0.56
0.57	0.057	100	25	0.57
0.58	0.058	100	25	0.58
0.59	0.059	100	25	0.59
0.60	0.060	100	25	0.60
0.61	0.061	100	25	0.61
0.62	0.062	100	25	0.62
0.63	0.063	100	25	0.63
0.64	0.064	100	25	0.64
0.65	0.065	100	25	0.65
0.66	0.066	100	25	0.66
0.67	0.067	100	25	0.67
0.68	0.068	100	25	0.68
0.69	0.069	100	25	0.69
0.70	0.070	100	25	0.70
0.71	0.071	100	25	0.71
0.72	0.072	100	25	0.72
0.73	0.073	100	25	0.73
0.74	0.074	100	25	0.74
0.75	0.075	100	25	0.75
0.76	0.076	100	25	0.76
0.77	0.077	100	25	0.77
0.78	0.078	100	25	0.78
0.79	0.079	100	25	0.79
0.80	0.080	100	25	0.80
0.81	0.081	100	25	0.81
0.82	0.082	100	25	0.82
0.83	0.083	100	25	0.83
0.84	0.084	100	25	0.84
0.85	0.085	100	25	0.85
0.86	0.086	100	25	0.86
0.87	0.087	100	25	0.87
0.88	0.088	100	25	0.88
0.89	0.089	100	25	0.89
0.90	0.090	100	25	0.90
0.91	0.091	100	25	0.91
0.92	0.092	100	25	0.92
0.93	0.093	100	25	0.93
0.94	0.094	100	25	0.94
0.95	0.095	100	25	0.95
0.96	0.096	100	25	0.96
0.97	0.097	100	25	0.97
0.98	0.098	100	25	0.98
0.99	0.099	100	25	0.99
1.00	0.100	100	25	1.00

SAGUACHE, COLORADO  
(Continued)

Elevation 7,745 Feet		Saguache County		Index No. W. 83	
Year	Annual Precipitation In Inches	Per Cent of 33-Yr. Average	Departure From 33-Yr. Average	Cumulative Departure From 33-Yr. Average	Five-Year Moving Average
1931	10.52	119	1.65	1.98	8.57
32	9.34	105	0.47	2.45	8.13
33	7.47	84	-1.40	1.05	8.84
34	5.15	58	-3.72	-2.67	8.24
35	11.70	132	2.83	0.16	7.64
36	7.54	85	-1.33		
37 <sup>©</sup>	6.33	71	-2.54		

Average Precipitation 33-Yr. 1894-1907, 1910-1920, 1928-1935 8.87

Estimated Average Precipitation 46-Years 1890-1935 9.2

© Average used for missing months records. \*No record. #Partial record.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 33-YEAR PERIOD  
1894-1907, 1910-1920,  
1928-1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	0.90	0.00	0.21
Feb.	2.50	T	0.38
Mar.	1.25	0.00	0.33
Apr.	2.65	0.00	0.61
May	3.09	0.00	0.89
June	2.68	0.00	0.84
July	4.16	0.25	1.77
Aug.	*5.67	*0.00	1.63
Sept. (#)	2.18)	0.00	0.87
Oct.	*3.64	0.00	0.74
Nov.	1.30	0.00	0.33
Dec.	0.83	0.00	0.27

Annual.....8.87

\*Not included in years used to  
obtain average.

#Interpolated by U. S. W. B..

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE  
FOR THE 33-YEAR PERIOD  
1894-1907, 1910-1920,  
1928-1935, INCLUSIVE

Month	Max.	Min.	Average
Jan.	31.3	8.0	19.9
Feb.	35.2	14.6	26.3
Mar.	45.3	27.6	34.6
Apr.	47.8	37.2	43.1
May	57.0	45.1	51.2
June	63.1	55.8	59.5
July	68.4	61.6	64.6
Aug.	67.2	58.6	62.7
Sept.	60.4	52.6	56.1
Oct.	50.2	41.6	46.0
Nov.	40.6	*26.2	33.6
Dec.	30.8	9.7	20.6

Annual.....43.2

\*Not included in years used to  
obtain average.



# DEPARTMENT OF AGRICULTURE BUREAU OF PLANT INDUSTRY

Year	Production of Cotton	Value of Cotton	Production of Wool	Value of Wool	Production of Hides	Value of Hides
1901	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1902	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1903	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1904	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1905	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1906	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1907	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1908	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1909	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1910	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000

Source: Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

Estimated figures for 1911 and 1912 are based on the best available information.

It is to be noted that the figures for 1911 and 1912 are based on the best available information and are not necessarily accurate.

DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

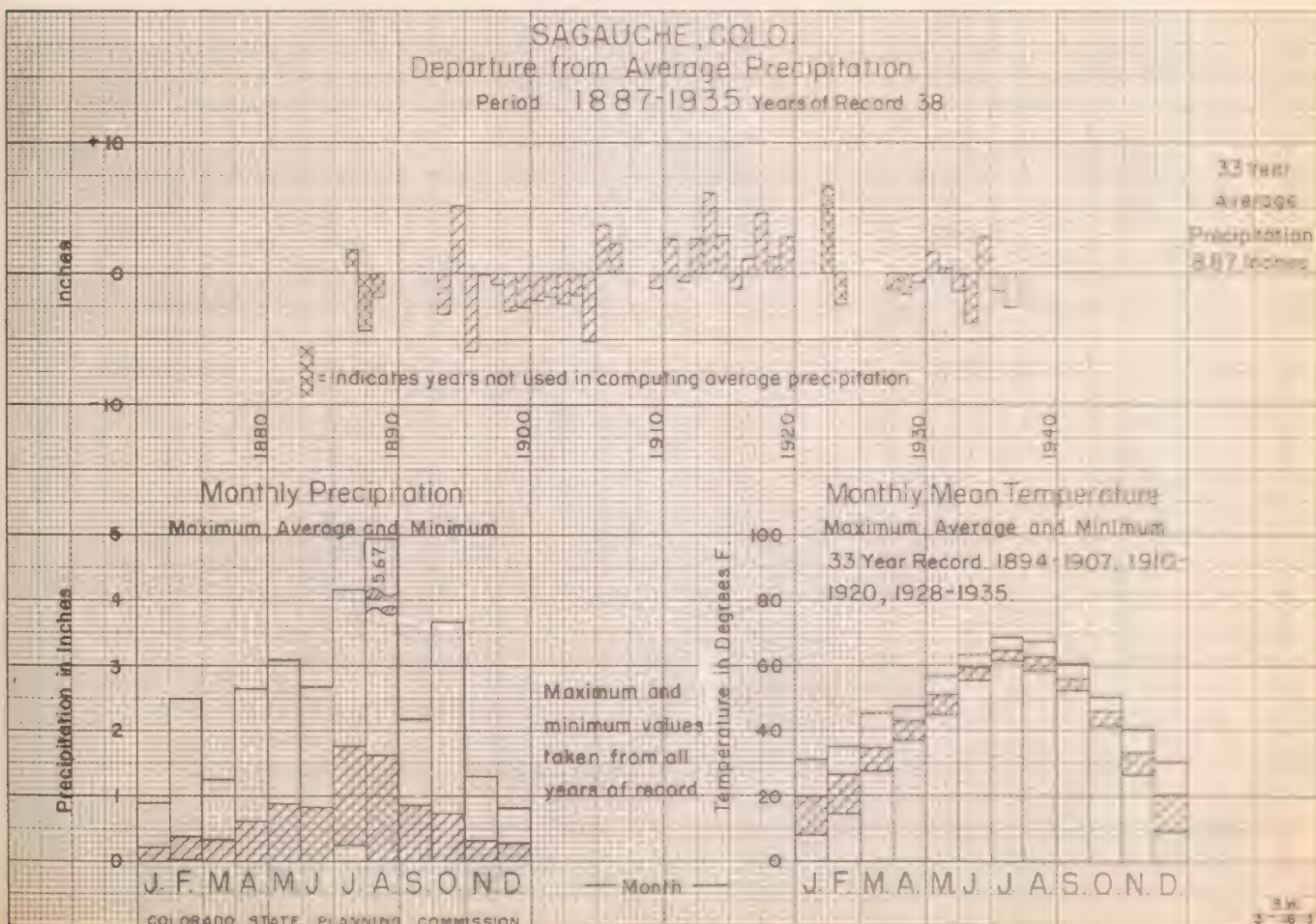
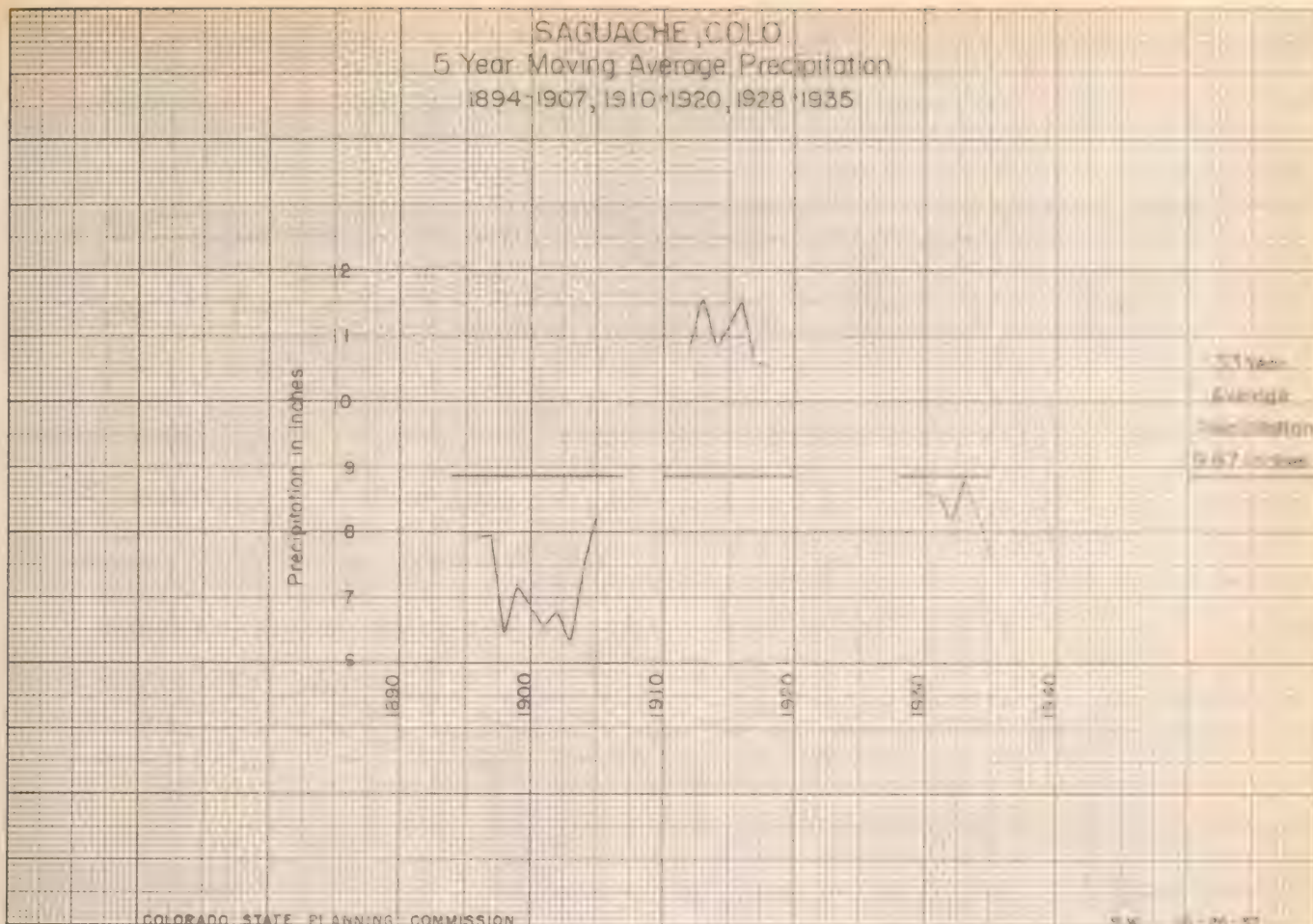
DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

Year	Production of Cotton	Value of Cotton	Production of Wool	Value of Wool	Production of Hides	Value of Hides
1901	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1902	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1903	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1904	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1905	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1906	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1907	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1908	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1909	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1910	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000

Year	Production of Cotton	Value of Cotton	Production of Wool	Value of Wool	Production of Hides	Value of Hides
1901	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1902	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1903	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1904	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1905	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1906	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1907	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1908	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1909	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000
1910	1,000,000	\$1,000,000	1,000,000	\$1,000,000	1,000,000	\$1,000,000

Source: Bureau of Plant Industry, U. S. Department of Agriculture, Washington, D. C.

Estimated figures for 1911 and 1912 are based on the best available information.







# SEDGWICK, COLORADO

Elevation 3,539 Feet		Sedgwick County		Index No. N. E. 5	
Year	Annual Precipitation In Inches	Per Cent of 24-Yr. Average	Departure From 24-Yr. Average	Cumulative Departure From 24-Yr. Average	Five-Year Moving Average
1870	14.39	82	-3.24		
71#					
*					
89#					
1890	6.89	39	-10.74		
91	17.73	101	0.10		
92-93#					
*					
1909	20.08	114	2.45	2.45	
10	14.07	80	-3.56	-1.11	
11	15.21	86	-2.42	-3.53	18.18
12	21.14	120	3.51	-0.02	17.65
13	20.40	116	2.77	2.75	20.58
14	17.43	99	-0.20	2.55	19.96
15	28.72	163	11.09	13.64	18.49
16	12.10	69	-5.53	8.11	18.35
17 ©	13.80	78	-3.83	4.28	17.98
18	19.69	112	2.06	6.34	16.06
19	15.59	89	-2.04	4.30	16.65
1920	19.14	109	1.51	5.81	16.68
21	15.02	85	-2.61	3.20	17.86
22	13.95	79	-3.68	-0.48	17.95
23	25.62	145	7.99	7.51	17.36
24	16.00	91	-1.63	5.88	
25	16.21	92	-1.42	4.46	
26-28#					
29	15.71	89	-1.92	2.54	
1930	24.89	141	7.26	9.80	
31	11.66	66	-5.97	3.83	18.29
32	15.24	86	-2.39	1.44	17.74
33	23.96	136	6.33	7.77	15.66
34	12.93	73	-4.70	3.07	15.90
35	14.52	82	-3.11	-0.04	15.82
36	12.87	73	-4.76		
37	14.80	84	-2.83		

Average Precipitation 24-Years 1909-1925, 1929-1935 17.63

Estimated Average Precipitation 56-Years 1880-1935 17.1

\* No record. # Partial record. © Mean used for missing months record.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

# TABLE 1

Date		Time		Latitude	
Year	Month	Day	Hour	North	West
1911	Jan	1	10	10 10	10 10
	Feb	1	10	10 10	10 10
	Mar	1	10	10 10	10 10
	Apr	1	10	10 10	10 10
	May	1	10	10 10	10 10
	Jun	1	10	10 10	10 10
	Jul	1	10	10 10	10 10
	Aug	1	10	10 10	10 10
	Sep	1	10	10 10	10 10
	Oct	1	10	10 10	10 10
	Nov	1	10	10 10	10 10
	Dec	1	10	10 10	10 10
1912	Jan	1	10	10 10	10 10
	Feb	1	10	10 10	10 10
	Mar	1	10	10 10	10 10
	Apr	1	10	10 10	10 10
	May	1	10	10 10	10 10
	Jun	1	10	10 10	10 10
	Jul	1	10	10 10	10 10
	Aug	1	10	10 10	10 10
	Sep	1	10	10 10	10 10
	Oct	1	10	10 10	10 10
	Nov	1	10	10 10	10 10
	Dec	1	10	10 10	10 10
1913	Jan	1	10	10 10	10 10
	Feb	1	10	10 10	10 10
	Mar	1	10	10 10	10 10
	Apr	1	10	10 10	10 10
	May	1	10	10 10	10 10
	Jun	1	10	10 10	10 10
	Jul	1	10	10 10	10 10
	Aug	1	10	10 10	10 10
	Sep	1	10	10 10	10 10
	Oct	1	10	10 10	10 10
	Nov	1	10	10 10	10 10
	Dec	1	10	10 10	10 10
1914	Jan	1	10	10 10	10 10
	Feb	1	10	10 10	10 10
	Mar	1	10	10 10	10 10
	Apr	1	10	10 10	10 10
	May	1	10	10 10	10 10
	Jun	1	10	10 10	10 10
	Jul	1	10	10 10	10 10
	Aug	1	10	10 10	10 10
	Sep	1	10	10 10	10 10
	Oct	1	10	10 10	10 10
	Nov	1	10	10 10	10 10
	Dec	1	10	10 10	10 10
1915	Jan	1	10	10 10	10 10
	Feb	1	10	10 10	10 10
	Mar	1	10	10 10	10 10
	Apr	1	10	10 10	10 10
	May	1	10	10 10	10 10
	Jun	1	10	10 10	10 10
	Jul	1	10	10 10	10 10
	Aug	1	10	10 10	10 10
	Sep	1	10	10 10	10 10
	Oct	1	10	10 10	10 10
	Nov	1	10	10 10	10 10
	Dec	1	10	10 10	10 10

TABLE 1. Continued. (See page 10 for details.)

TABLE 1. Continued. (See page 10 for details.)

TABLE 1. Continued. (See page 10 for details.)

SEDGWICK, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 24-YEAR PERIOD

1909-1925, 1929-1935, INCL.

MONTHLY MEAN TEMPERATURE

FOR THE 24-YEAR PERIOD

1909-1925, 1929-1935, INCL.

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	1.10	0.00	0.21
Feb.	1.28	0.00	0.33
Mar.	2.55	T	0.75
Apr.	7.00	0.42	2.18
May	6.05	0.81	2.71
June	6.22	*0.62	2.78
July	6.73	0.50	2.46
Aug.	5.95	0.42	2.66
Sept.	5.06	0.05	1.66
Oct.	2.85	0.00	0.99
Nov.	2.16	0.00	0.39
Dec.	1.75	0.03	<u>0.51</u>
Annual.....			17.63

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	34.1	9.4	25.1
Feb.	38.0	18.2	29.6
Mar.	49.2	22.0	37.1
Apr.	57.1	38.4	47.9
May	65.8	50.6	56.8
June	74.1	62.4	68.2
July	78.6	69.6	74.7
Aug.	76.3	67.4	72.1
Sept.	69.3	54.5	62.8
Oct.	54.4	40.6	50.0
Nov.	44.7	25.4	37.0
Dec.	34.0	14.3	<u>25.3</u>
Annual.....			48.9

T - Less than 0.01 inch.

\* Not included in years used to obtain average.



# GENERAL INSTRUCTIONS FOR THE RECORDS

RECORDS OF THE  
UNITED STATES DEPARTMENT OF  
THE INTERIOR

RECORDS OF THE  
UNITED STATES DEPARTMENT OF  
THE INTERIOR

DATE	FILE	NO.	REMARKS
1890	100	100	100
1891	101	101	101
1892	102	102	102
1893	103	103	103
1894	104	104	104
1895	105	105	105
1896	106	106	106
1897	107	107	107
1898	108	108	108
1899	109	109	109
1900	110	110	110
1901	111	111	111
1902	112	112	112
1903	113	113	113
1904	114	114	114
1905	115	115	115
1906	116	116	116
1907	117	117	117
1908	118	118	118
1909	119	119	119
1910	120	120	120
1911	121	121	121
1912	122	122	122
1913	123	123	123
1914	124	124	124
1915	125	125	125
1916	126	126	126
1917	127	127	127
1918	128	128	128
1919	129	129	129
1920	130	130	130
1921	131	131	131
1922	132	132	132
1923	133	133	133
1924	134	134	134
1925	135	135	135
1926	136	136	136
1927	137	137	137
1928	138	138	138
1929	139	139	139
1930	140	140	140
1931	141	141	141
1932	142	142	142
1933	143	143	143
1934	144	144	144
1935	145	145	145
1936	146	146	146
1937	147	147	147
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2198	408	408	408
2199	409	409	409
2200	410	410	410
2201	411	411</	

# SEDGWICK, CO. O. 5 Year Moving Average Precipitation 1909-1925, 1929-1935



COLORADO STATE PLANNING COMMISSION

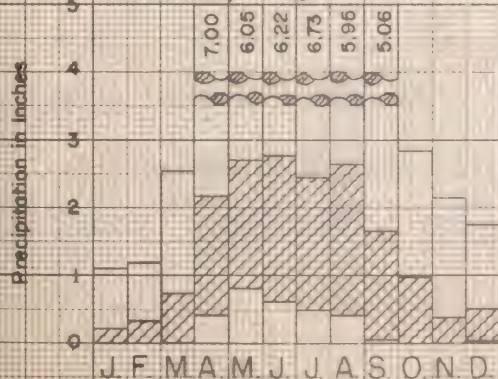
5-11-36-37

## SEDGWICK, COLO. Departure from Average Precipitation PERIOD 1870-1935 Years of Record - 27

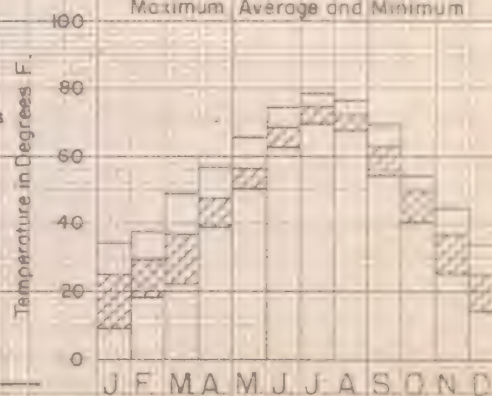


### Monthly Precipitation Maximum Average and Minimum

### Monthly Mean Temperature Maximum Average and Minimum



Maximum and  
minimum values  
taken from all  
years of record.



COLORADO STATE PLANNING COMMISSION





# SILVERTON, COLORADO

Elevation 9,410 Feet		San Juan County		Index No. W 104	
Year	Annual Precipitation In Inches	Per Cent of 29-Yr. Average	Departure From 29-Yr. Average	Cumulative Departure From 29-Yr. Average	Five-Year Moving Average
1907	27.23	105	1.28	1.28	
08	25.50	98	-0.45	0.83	
09	29.30	113	3.35	4.18	30.21
1910	24.24	93	-1.71	2.47	30.25
11	44.78	172	18.83	21.30	30.52
12	27.44	106	1.49	22.79	30.08
13	26.85	103	0.90	23.69	29.65
14	27.11	104	1.16	24.85	27.66
15	22.05	85	-3.90	20.95	25.50
16	34.84	134	8.89	29.84	24.52
17	16.65	64	-9.30	20.54	24.47
18	21.95	85	-4.00	16.54	24.20
19	26.84	103	0.89	17.43	23.57
1920	20.73	80	-5.22	12.21	23.92
21	31.66	122	5.71	17.92	24.76
22	18.42	71	-7.53	10.39	23.37
23	26.15	101	0.20	10.59	26.49
24	19.87	77	-6.08	4.51	25.90
25	36.34	140	10.39	14.90	29.13
26	28.71	111	2.76	17.66	28.46
27	34.56	133	8.61	26.27	29.86
28	22.80	88	-3.15	23.12	26.27
29	26.88	104	0.93	24.05	25.08
1930	18.42	71	-7.53	16.52	23.84
31	22.72	88	-3.23	13.29	23.62
32	28.39	109	2.44	15.73	21.87
33	21.69	84	-4.26	11.47	22.64
34	18.12	70	-7.83	3.64	23.64
35	22.30	86	-3.65	-0.01	21.90
36	27.68	107	1.73		
37	19.73	76	-6.22		

Average Precipitation 29-Years 1907-1935, 25.95

Estimated Average Precipitation 46-Years 1890-1935 25.1

Annual precipitation figures from U. S. Weather Bureau.

# TABLE 1. SUMMARY OF DATA

STATION NO.		DATE		TIME	
NO.	NAME	DAY	MONTH	HOUR	MIN.
1	101	1	1	1	1
2	102	2	2	2	2
3	103	3	3	3	3
4	104	4	4	4	4
5	105	5	5	5	5
6	106	6	6	6	6
7	107	7	7	7	7
8	108	8	8	8	8
9	109	9	9	9	9
10	110	10	10	10	10
11	111	11	11	11	11
12	112	12	12	12	12
13	113	13	13	13	13
14	114	14	14	14	14
15	115	15	15	15	15
16	116	16	16	16	16
17	117	17	17	17	17
18	118	18	18	18	18
19	119	19	19	19	19
20	120	20	20	20	20
21	121	21	21	21	21
22	122	22	22	22	22
23	123	23	23	23	23
24	124	24	24	24	24
25	125	25	25	25	25
26	126	26	26	26	26
27	127	27	27	27	27
28	128	28	28	28	28
29	129	29	29	29	29
30	130	30	30	30	30
31	131	31	31	31	31
32	132	32	32	32	32
33	133	33	33	33	33
34	134	34	34	34	34
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39	139	39	39	39	39
40	140	40	40	40	40
41	141	41	41	41	41
42	142	42	42	42	42
43	143	43	43	43	43
44	144	44	44	44	44
45	145	45	45	45	45
46	146	46	46	46	46
47	147	47	47	47	47
48	148	48	48	48	48
49	149	49	49	49	49
50	150	50	50	50	50

TABLE 1. SUMMARY OF DATA

TABLE 1. SUMMARY OF DATA

TABLE 1. SUMMARY OF DATA

SILVERTON, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 29-YEAR PERIOD

1907 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	6.50	0.03	1.94
Feb.	4.06	0.46	1.85
Mar.	6.83	0.52	2.76
Apr.	4.52	T	1.74
May	2.86	0.05	1.38
June	5.85	T	1.58
July	5.74	0.78	3.02
Aug.	6.44	0.91	3.25
Sept.	8.83	0.49	2.84
Oct.	7.76	0.02	2.31
Nov.	3.99	T	1.42
Dec.	5.38	0.05	<u>1.86</u>
Annual.....			25.95

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE

FOR THE 29-YEAR PERIOD

1907 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	23.0	10.2	16.7
Feb.	27.4	12.8	19.6
Mar.	31.5	17.6	25.0
Apr.	39.0	25.8	32.4
May	46.4	31.8	40.8
June	54.5	43.4	49.6
July	59.2	52.6	55.6
Aug.	57.0	49.0	53.2
Sept.	51.0	41.7	46.9
Oct.	42.6	32.0	37.9
Nov.	33.8	20.7	26.7
Dec.	24.1	10.0	<u>17.5</u>
Annual.....			35.2



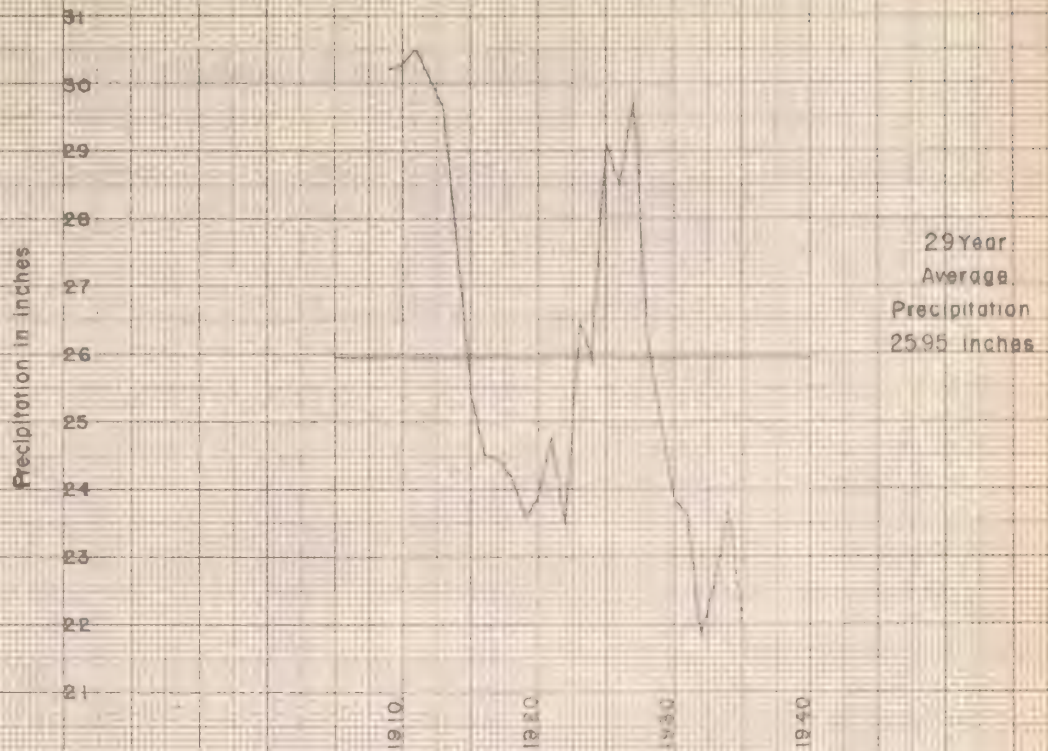
# THE NEW YORK PUBLIC LIBRARY ASTOR LENOX TILDEN FOUNDATION 1902

THE NEW YORK PUBLIC LIBRARY  
ASTOR LENOX TILDEN FOUNDATION  
1902

THE NEW YORK PUBLIC LIBRARY  
ASTOR LENOX TILDEN FOUNDATION  
1902

DATE	TIME	NAME	ADDRESS	CITY	STATE
1902	10:30	John Doe	123 Main St	New York	NY
1902	11:00	Jane Smith	456 Broadway	New York	NY
1902	11:30	Robert Brown	789 Fifth Ave	New York	NY
1902	12:00	Mary White	101 West 125th St	New York	NY
1902	12:30	Charles Black	202 East 100th St	New York	NY
1902	13:00	Elizabeth Green	303 West 100th St	New York	NY
1902	13:30	William Hall	404 East 100th St	New York	NY
1902	14:00	Anna King	505 West 100th St	New York	NY
1902	14:30	Thomas Lee	606 East 100th St	New York	NY
1902	15:00	Sarah Miller	707 West 100th St	New York	NY
1902	15:30	James Wilson	808 East 100th St	New York	NY
1902	16:00	Emily Moore	909 West 100th St	New York	NY
1902	16:30	George Taylor	1010 East 100th St	New York	NY
1902	17:00	Frances Adams	1111 West 100th St	New York	NY
1902	17:30	Henry Baker	1212 East 100th St	New York	NY
1902	18:00	Isabel Clark	1313 West 100th St	New York	NY
1902	18:30	Frank Evans	1414 East 100th St	New York	NY
1902	19:00	Grace Hill	1515 West 100th St	New York	NY
1902	19:30	Albert King	1616 East 100th St	New York	NY
1902	20:00	Beatrice Lee	1717 West 100th St	New York	NY
1902	20:30	Harold Miller	1818 East 100th St	New York	NY
1902	21:00	Clara Moore	1919 West 100th St	New York	NY
1902	21:30	Edward Taylor	2020 East 100th St	New York	NY
1902	22:00	Joseph Adams	2121 West 100th St	New York	NY
1902	22:30	Martha Baker	2222 East 100th St	New York	NY
1902	23:00	Samuel Clark	2323 West 100th St	New York	NY
1902	23:30	William Evans	2424 East 100th St	New York	NY
1902	24:00	Elizabeth Hill	2525 West 100th St	New York	NY
1902	24:30	Charles King	2626 East 100th St	New York	NY
1902	25:00	Anna Lee	2727 West 100th St	New York	NY
1902	25:30	Thomas Miller	2828 East 100th St	New York	NY
1902	26:00	Sarah Moore	2929 West 100th St	New York	NY
1902	26:30	James Taylor	3030 East 100th St	New York	NY
1902	27:00	Emily Adams	3131 West 100th St	New York	NY
1902	27:30	George Baker	3232 East 100th St	New York	NY
1902	28:00	Frances Clark	3333 West 100th St	New York	NY
1902	28:30	Harold Evans	3434 East 100th St	New York	NY
1902	29:00	Clara Hill	3535 West 100th St	New York	NY
1902	29:30	Albert King	3636 East 100th St	New York	NY
1902	30:00	Beatrice Lee	3737 West 100th St	New York	NY
1902	30:30	Harold Miller	3838 East 100th St	New York	NY
1902	31:00	Clara Moore	3939 West 100th St	New York	NY
1902	31:30	Edward Taylor	4040 East 100th St	New York	NY
1902	32:00	Joseph Adams	4141 West 100th St	New York	NY
1902	32:30	Martha Baker	4242 East 100th St	New York	NY
1902	33:00	Samuel Clark	4343 West 100th St	New York	NY
1902	33:30	William Evans	4444 East 100th St	New York	NY
1902	34:00	Elizabeth Hill	4545 West 100th St	New York	NY
1902	34:30	Charles King	4646 East 100th St	New York	NY
1902	35:00	Anna Lee	4747 West 100th St	New York	NY
1902	35:30	Thomas Miller	4848 East 100th St	New York	NY
1902	36:00	Sarah Moore	4949 West 100th St	New York	NY
1902	36:30	James Taylor	5050 East 100th St	New York	NY
1902	37:00	Emily Adams	5151 West 100th St	New York	NY
1902	37:30	George Baker	5252 East 100th St	New York	NY
1902	38:00	Frances Clark	5353 West 100th St	New York	NY
1902	38:30	Harold Evans	5454 East 100th St	New York	NY
1902	39:00	Clara Hill	5555 West 100th St	New York	NY
1902	39:30	Albert King	5656 East 100th St	New York	NY
1902	40:00	Beatrice Lee	5757 West 100th St	New York	NY
1902	40:30	Harold Miller	5858 East 100th St	New York	NY
1902	41:00	Clara Moore	5959 West 100th St	New York	NY
1902	41:30	Edward Taylor	6060 East 100th St	New York	NY
1902	42:00	Joseph Adams	6161 West 100th St	New York	NY
1902	42:30	Martha Baker	6262 East 100th St	New York	NY
1902	43:00	Samuel Clark	6363 West 100th St	New York	NY
1902	43:30	William Evans	6464 East 100th St	New York	NY
1902	44:00	Elizabeth Hill	6565 West 100th St	New York	NY
1902	44:30	Charles King	6666 East 100th St	New York	NY
1902	45:00	Anna Lee	6767 West 100th St	New York	NY
1902	45:30	Thomas Miller	6868 East 100th St	New York	NY
1902	46:00	Sarah Moore	6969 West 100th St	New York	NY
1902	46:30	James Taylor	7070 East 100th St	New York	NY
1902	47:00	Emily Adams	7171 West 100th St	New York	NY
1902	47:30	George Baker	7272 East 100th St	New York	NY
1902	48:00	Frances Clark	7373 West 100th St	New York	NY
1902	48:30	Harold Evans	7474 East 100th St	New York	NY
1902	49:00	Clara Hill	7575 West 100th St	New York	NY
1902	49:30	Albert King	7676 East 100th St	New York	NY
1902	50:00	Beatrice Lee	7777 West 100th St	New York	NY
1902	50:30	Harold Miller	7878 East 100th St	New York	NY
1902	51:00	Clara Moore	7979 West 100th St	New York	NY
1902	51:30	Edward Taylor	8080 East 100th St	New York	NY
1902	52:00	Joseph Adams	8181 West 100th St	New York	NY
1902	52:30	Martha Baker	8282 East 100th St	New York	NY
1902	53:00	Samuel Clark	8383 West 100th St	New York	NY
1902	53:30	William Evans	8484 East 100th St	New York	NY
1902	54:00	Elizabeth Hill	8585 West 100th St	New York	NY
1902	54:30	Charles King	8686 East 100th St	New York	NY
1902	55:00	Anna Lee	8787 West 100th St	New York	NY
1902	55:30	Thomas Miller	8888 East 100th St	New York	NY
1902	56:00	Sarah Moore	8989 West 100th St	New York	NY
1902	56:30	James Taylor	9090 East 100th St	New York	NY
1902	57:00	Emily Adams	9191 West 100th St	New York	NY
1902	57:30	George Baker	9292 East 100th St	New York	NY
1902	58:00	Frances Clark	9393 West 100th St	New York	NY
1902	58:30	Harold Evans	9494 East 100th St	New York	NY
1902	59:00	Clara Hill	9595 West 100th St	New York	NY
1902	59:30	Albert King	9696 East 100th St	New York	NY
1902	60:00	Beatrice Lee	9797 West 100th St	New York	NY
1902	60:30	Harold Miller	9898 East 100th St	New York	NY
1902	61:00	Clara Moore	9999 West 100th St	New York	NY
1902	61:30	Edward Taylor	10000 East 100th St	New York	NY

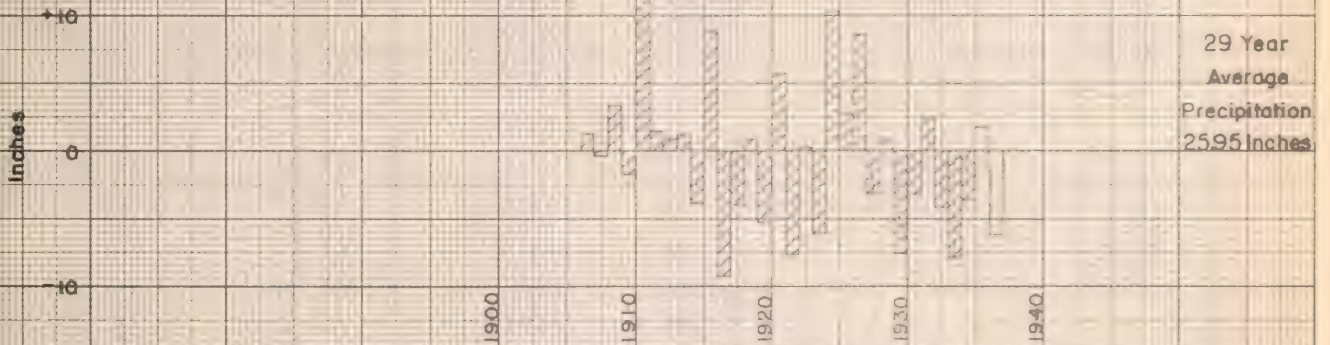
# SILVERTON, COLO. 5 Year Moving Average Precipitation 1907 - 1935



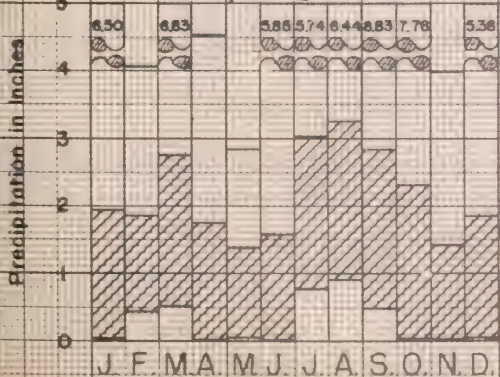
COLORADO STATE PLANNING COMMISSION

K.B. 10-11-37

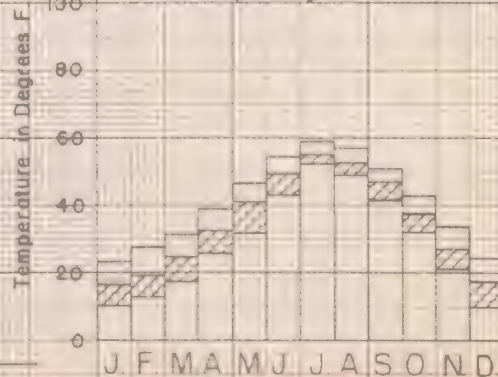
## SILVERTON, COLO. Departure from Average Precipitation 1907-1935



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

S.W.  
3-10-37





# STEAMBOAT SPRINGS, COLORADO

Elevation 6,750 Feet		Routt County		Index No. W. 8	
Year	Annual Precipitation In Inches	Per Cent of 27-Yr. Average	Departure From 27-Yr. Average	Cumulative Departure From 27-Yr. Average	Five-Year Moving Average
1909	25.17	105	1.21	1.21	
10	17.63	74	-6.33	-5.12	
11	22.29	93	-1.67	-6.79	23.00
12	29.15	122	5.19	-1.60	24.39
13	20.78	87	-3.18	-4.78	25.08
14	32.08	134	8.12	3.34	26.38
15	21.09	88	-2.87	0.47	25.64
16	28.80	120	4.84	5.31	26.49
17	25.47	106	1.51	6.82	23.53
18	25.00	104	1.04	7.86	24.77
19	17.30	72	-6.66	1.20	24.90
1920	27.26	114	3.30	4.50	25.13
21	29.47	123	5.51	10.01	25.01
22	26.60	111	2.64	12.65	26.39
23	24.41	102	0.45	13.10	25.54
24	24.21	101	0.25	13.35	24.27
25	23.02	96	-0.94	12.41	25.60
26	23.09	96	-0.87	11.54	25.15
27	33.25	138	9.29	20.83	25.55
28	22.17	93	-1.79	19.04	25.24
29	26.22	109	2.26	21.30	24.36
1930	21.47	90	-2.49	18.81	22.90
31	18.71	78	-5.25	13.56	22.63
32	25.92	108	1.96	15.52	20.55
33	20.81	87	-3.15	12.37	20.22
34	15.83	66	-8.13	4.24	20.97
35	19.81	83	-4.15	0.09	21.70
36	22.49	94	-1.47		
37	29.55	123	5.59		

Average Precipitation 27-Years 1909-1935 23.96

Estimated Average Precipitation 46-Years 1890-1935 22.4

©Average used for missing months record.

Annual precipitation figures from U. S. Weather Bureau, except as noted.



STEAMBOAT SPRINGS, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 27-YEAR PERIOD

1909 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	*5.50	0.23	2.29
Feb.	4.22	0.30	2.37
Mar.	5.71	0.49	2.36
Apr.	5.13	0.66	2.12
May	3.98	0.46	2.05
June	*5.00	T	1.22
July	4.98	*T	1.74
Aug.	5.36	*0.10	1.81
Sept.	4.27	*0.00	1.97
Oct.	3.86	0.00	2.02
Nov.	#2.89	0.14	1.71
Dec.	5.61	0.98	<u>2.30</u>
Annual.....			23.96

\* Not included in years used to obtain average.

# Interpolated by U. S. W. B..

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE

FOR THE 26-YEAR PERIOD

1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	23.6	5.6	14.0
Feb.	29.4	7.0	18.0
Mar.	35.0	17.2	26.3
Apr.	44.8	31.2	38.1
May	54.0	43.2	47.8
June	59.3	52.0	55.2
July	*67.0	58.6	61.1
Aug.	63.9	55.2	58.7
Sept.	*5.85	46.1	51.5
Oct.	*46.5	34.6	40.9
Nov.	35.8	18.8	28.5
Dec.	24.9	6.6	<u>15.3</u>
Annual.....			38.0

\* Not included in years used to obtain average.



# TABLE OF CONTENTS (continued)

## Unpublished Data

(continued)

Author	Year	Page	Page
1.1	1.1	1.1	1.1
1.2	1.2	1.2	1.2
1.3	1.3	1.3	1.3
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1.6	1.6	1.6	1.6
1.7	1.7	1.7	1.7
1.8	1.8	1.8	1.8
1.9	1.9	1.9	1.9
1.10	1.10	1.10	1.10
1.11	1.11	1.11	1.11
1.12	1.12	1.12	1.12
1.13	1.13	1.13	1.13
1.14	1.14	1.14	1.14
1.15	1.15	1.15	1.15
1.16	1.16	1.16	1.16
1.17	1.17	1.17	1.17
1.18	1.18	1.18	1.18
1.19	1.19	1.19	1.19
1.20	1.20	1.20	1.20

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## Unpublished Data

(continued)

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1.3	1.3	1.3	1.3
1.4	1.4	1.4	1.4
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1.6	1.6	1.6	1.6
1.7	1.7	1.7	1.7
1.8	1.8	1.8	1.8
1.9	1.9	1.9	1.9
1.10	1.10	1.10	1.10
1.11	1.11	1.11	1.11
1.12	1.12	1.12	1.12
1.13	1.13	1.13	1.13
1.14	1.14	1.14	1.14
1.15	1.15	1.15	1.15
1.16	1.16	1.16	1.16
1.17	1.17	1.17	1.17
1.18	1.18	1.18	1.18
1.19	1.19	1.19	1.19
1.20	1.20	1.20	1.20

(continued)

(continued)

(continued)

# STEAMBOAT SPRINGS, COLO. 5 Year Moving Average Precipitation 1909-1935

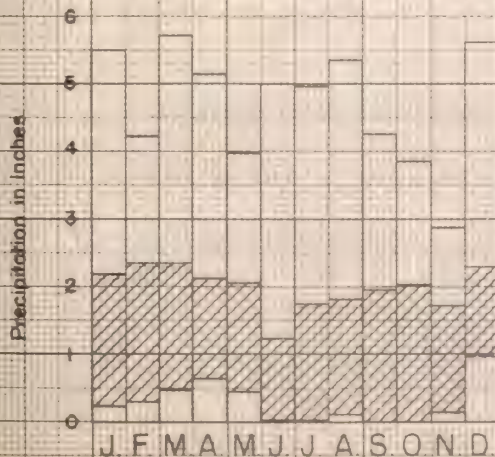


COLORADO STATE PLANNING COMMISSION

3 1/2 10-25-37

## STEAMBOAT SPRINGS, COLO. Departure from Average Precipitation 1909-1935

Monthly Precipitation  
Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

3 1/2 10-25-37





# SPICER, COLORADO

Elevation 8,700 Feet		Jackson County		Index No. N. E. 32	
Year	Annual Precipitation In Inches	Per Cent of 26-Yr. Average	Departure From 26-Yr. Average	Cumulative Departure From 26-Yr. Average	Five-Year Moving Average
1910	8.44	74	-2.90	-2.90	
11	11.20	99	-0.14	-3.04	
12	15.41	136	4.07	1.03	11.15
13	10.26	91	-1.08	-0.05	11.67
14	10.46	92	-0.88	-0.93	12.02
15	11.04	97	-0.30	-1.23	10.92
16	12.94	114	1.60	0.37	11.17
17	9.92	87	-1.42	-1.05	10.81
18	11.48	101	0.14	-0.91	10.72
19	8.69	77	-2.65	-3.56	10.11
1920	10.59	93	-0.75	-4.31	9.53
21	9.87	87	-1.47	-5.78	9.32
22	7.00	62	-4.34	-10.12	9.94
23	10.43	92	-0.91	-11.03	10.32
24	11.83	104	0.49	-10.54	10.61
25	12.47	110	1.13	-9.41	12.39
26	11.34	100	0.00	-9.41	12.30
27	15.88	140	4.54	-4.87	12.36
28	9.99	88	-1.35	-6.22	12.33
29	12.13	107	0.79	-5.43	12.90
1930	12.33	109	0.99	-4.44	12.14
31	14.16	125	2.82	-1.62	12.72
32	12.11	107	0.77	-0.85	12.52
33	12.89	114	1.55	0.70	12.24
34	11.12	98	-0.22	0.48	11.66
35	10.94	96	-0.40	0.08	11.98
36	11.26	99	-0.08		
37	13.68	121	2.34		

Average Precipitation 26-Years 1910-1935 11.34

Estimated Average Precipitation 56-Years 1880-1935 11.3

Annual precipitation figures from U. S. Weather Bureau.

Date		Description		Amount	
Month	Day	Particulars	Debit	Credit	Balance
Jan	1	Balance forward			100.00
Jan	2	By Cash	50.00		150.00
Jan	3	To Cash		25.00	125.00
Jan	4	By Cash	75.00		200.00
Jan	5	To Cash		50.00	150.00
Jan	6	By Cash	100.00		250.00
Jan	7	To Cash		75.00	175.00
Jan	8	By Cash	125.00		300.00
Jan	9	To Cash		100.00	200.00
Jan	10	By Cash	150.00		350.00
Jan	11	To Cash		125.00	225.00
Jan	12	By Cash	175.00		400.00
Jan	13	To Cash		150.00	250.00
Jan	14	By Cash	200.00		450.00
Jan	15	To Cash		175.00	275.00
Jan	16	By Cash	225.00		500.00
Jan	17	To Cash		200.00	300.00
Jan	18	By Cash	250.00		550.00
Jan	19	To Cash		225.00	325.00
Jan	20	By Cash	275.00		600.00
Jan	21	To Cash		250.00	350.00
Jan	22	By Cash	300.00		650.00
Jan	23	To Cash		275.00	375.00
Jan	24	By Cash	325.00		700.00
Jan	25	To Cash		300.00	400.00
Jan	26	By Cash	350.00		750.00
Jan	27	To Cash		325.00	425.00
Jan	28	By Cash	375.00		800.00
Jan	29	To Cash		350.00	450.00
Jan	30	By Cash	400.00		850.00
Jan	31	To Cash		375.00	475.00
Feb	1	By Cash	425.00		900.00
Feb	2	To Cash		400.00	500.00
Feb	3	By Cash	450.00		950.00
Feb	4	To Cash		425.00	525.00
Feb	5	By Cash	475.00		1000.00
Feb	6	To Cash		450.00	550.00
Feb	7	By Cash	500.00		1050.00
Feb	8	To Cash		475.00	575.00
Feb	9	By Cash	525.00		1100.00
Feb	10	To Cash		500.00	600.00
Feb	11	By Cash	550.00		1150.00
Feb	12	To Cash		525.00	625.00
Feb	13	By Cash	575.00		1200.00
Feb	14	To Cash		550.00	650.00
Feb	15	By Cash	600.00		1250.00
Feb	16	To Cash		575.00	675.00
Feb	17	By Cash	625.00		1300.00
Feb	18	To Cash		600.00	700.00
Feb	19	By Cash	650.00		1350.00
Feb	20	To Cash		625.00	725.00
Feb	21	By Cash	675.00		1400.00
Feb	22	To Cash		650.00	750.00
Feb	23	By Cash	700.00		1450.00
Feb	24	To Cash		675.00	775.00
Feb	25	By Cash	725.00		1500.00
Feb	26	To Cash		700.00	800.00
Feb	27	By Cash	750.00		1550.00
Feb	28	To Cash		725.00	825.00
Feb	29	By Cash	775.00		1600.00
Feb	30	To Cash		750.00	850.00
Feb	31	By Cash	800.00		1650.00

Total Cash Received 1650.00  
 Total Cash Paid 1650.00  
 Balance Forward 100.00  
 Total 1650.00

SPICER, COLORADO  
(Continued)

MONTHLY PRECIPITATION

FOR THE 26-YEAR PERIOD

1910 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	2.11	0.00	0.68
Feb.	2.38	0.10	0.77
Mar.	2.09	0.16	0.87
Apr.	3.61	T	1.00
May	3.12	0.02	0.98
June	3.30	0.00	0.69
July	2.19	T	1.18
Aug.	2.98	T	1.21
Sept.	3.01	0.02	1.20
Oct.	3.44	0.00	1.20
Nov.	2.56	0.01	0.79
Dec.	2.18	0.11	<u>0.77</u>
Annual.....			11.34

T - Less than 0.01 inch.

MONTHLY MEAN TEMPERATURE

FOR THE 24-YEAR PERIOD

1912 TO 1935, INCLUSIVE

<u>Month</u>	<u>Max.</u>	<u>Min.</u>	<u>Average</u>
Jan.	23.2	7.2	17.3
Feb.	31.3	11.0	20.6
Mar.	41.2	16.0	24.9
Apr.	40.2	28.4	34.7
May	51.6	38.8	43.4
June	57.6	47.1	52.9
July	63.2	55.6	59.0
Aug.	62.4	51.6	56.6
Sept.	55.2	44.8	48.9
Oct.	44.8	32.6	38.6
Nov.	35.6	18.1	28.0
Dec.	27.8	12.1	<u>17.3</u>
Annual.....			36.9





# SPICER, COLO. 5 Year Moving Average Precipitation 1910-1935



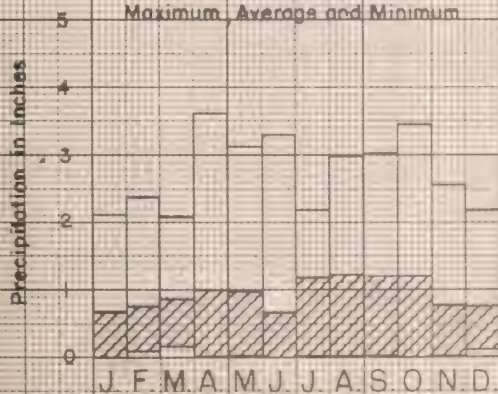
COLORADO STATE PLANNING COMMISSION

Fig. 15-25-37

# SPICER, COLO. Departure from Average Precipitation 1910-1935



## Monthly Precipitation Maximum, Average and Minimum



## Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION

Fig. 15-25-38





TRINIDAD, COLORADO

Elevation 5,994 Feet		Las Animas County		Index No. S. E. 86	
Year	Annual Precipitation In Inches	Per Cent of 35-Yr. Average	Departure From 35-Yr. Average	Cumulative Departure From 35-Yr. Average	Five-Year Moving Average
1878	34.48	210	17.69		
79	15.76	96	-1.03		
1880	14.07	86	-2.72		
81#					
*					
*					
98#					
99	12.89	79	-3.51	-3.51	
1900	15.88	97	-0.52	-4.03	
01	16.48	100	0.08	-3.95	14.18
02	11.54	70	-4.86	-8.81	15.36
03	14.10	86	-2.30	-11.11	15.76
04	18.82	115	2.42	-8.69	15.82
05	17.87	109	1.47	-7.22	16.29
06	16.77	102	0.37	-6.85	
07	13.88	85	-2.52	-9.37	
08#					
09#					
1910	10.29	63	-6.11	-15.48	
11	14.38	88	-2.02	-17.50	
12	16.61	101	0.21	-17.29	16.45
13	20.51	125	4.11	-13.18	19.25
14	20.48	125	4.08	-9.10	18.91
15	24.25	148	7.85	-1.25	18.27
16	12.68	77	-3.72	-4.97	18.14
17	13.44	82	-2.96	-7.93	17.73
18	19.84	121	3.44	-4.49	16.54
19	18.46	113	2.06	-2.43	17.45
1920	18.30	112	1.90	-0.53	18.39
21	17.20	105	0.80	0.27	19.65
22	18.15	111	1.75	2.02	17.75
23	26.15	160	9.75	11.77	17.48
24	8.96	55	-7.44	4.33	17.16
25	16.92	103	0.52	4.85	16.76
26	15.63	95	-0.77	4.08	15.56
27	16.13	98	-0.27	3.81	17.59
28	20.15	123	3.75	7.56	18.05
29	19.12	117	2.72	10.28	17.78
1930	19.24	117	2.84	13.12	17.11

# STATIONARY RECORD

Date	Time	Temperature		Wind		Remarks
		Air	Water	Direction	Force	
1880	11	14.7	12.7	SE	10	
1880	12	14.7	12.7	SE	10	
1880	13	14.7	12.7	SE	10	
1880	14	14.7	12.7	SE	10	
1880	15	14.7	12.7	SE	10	
1880	16	14.7	12.7	SE	10	
1880	17	14.7	12.7	SE	10	
1880	18	14.7	12.7	SE	10	
1880	19	14.7	12.7	SE	10	
1880	20	14.7	12.7	SE	10	
1880	21	14.7	12.7	SE	10	
1880	22	14.7	12.7	SE	10	
1880	23	14.7	12.7	SE	10	
1880	24	14.7	12.7	SE	10	
1880	25	14.7	12.7	SE	10	
1880	26	14.7	12.7	SE	10	
1880	27	14.7	12.7	SE	10	
1880	28	14.7	12.7	SE	10	
1880	29	14.7	12.7	SE	10	
1880	30	14.7	12.7	SE	10	
1880	31	14.7	12.7	SE	10	
1880	32	14.7	12.7	SE	10	
1880	33	14.7	12.7	SE	10	
1880	34	14.7	12.7	SE	10	
1880	35	14.7	12.7	SE	10	
1880	36	14.7	12.7	SE	10	
1880	37	14.7	12.7	SE	10	
1880	38	14.7	12.7	SE	10	
1880	39	14.7	12.7	SE	10	
1880	40	14.7	12.7	SE	10	
1880	41	14.7	12.7	SE	10	
1880	42	14.7	12.7	SE	10	
1880	43	14.7	12.7	SE	10	
1880	44	14.7	12.7	SE	10	
1880	45	14.7	12.7	SE	10	
1880	46	14.7	12.7	SE	10	
1880	47	14.7	12.7	SE	10	
1880	48	14.7	12.7	SE	10	
1880	49	14.7	12.7	SE	10	
1880	50	14.7	12.7	SE	10	
1880	51	14.7	12.7	SE	10	
1880	52	14.7	12.7	SE	10	
1880	53	14.7	12.7	SE	10	
1880	54	14.7	12.7	SE	10	
1880	55	14.7	12.7	SE	10	
1880	56	14.7	12.7	SE	10	
1880	57	14.7	12.7	SE	10	
1880	58	14.7	12.7	SE	10	
1880	59	14.7	12.7	SE	10	
1880	60	14.7	12.7	SE	10	
1880	61	14.7	12.7	SE	10	
1880	62	14.7	12.7	SE	10	
1880	63	14.7	12.7	SE	10	
1880	64	14.7	12.7	SE	10	
1880	65	14.7	12.7	SE	10	
1880	66	14.7	12.7	SE	10	
1880	67	14.7	12.7	SE	10	
1880	68	14.7	12.7	SE	10	
1880	69	14.7	12.7	SE	10	
1880	70	14.7	12.7	SE	10	
1880	71	14.7	12.7	SE	10	
1880	72	14.7	12.7	SE	10	
1880	73	14.7	12.7	SE	10	
1880	74	14.7	12.7	SE	10	
1880	75	14.7	12.7	SE	10	
1880	76	14.7	12.7	SE	10	
1880	77	14.7	12.7	SE	10	
1880	78	14.7	12.7	SE	10	
1880	79	14.7	12.7	SE	10	
1880	80	14.7	12.7	SE	10	
1880	81	14.7	12.7	SE	10	
1880	82	14.7	12.7	SE	10	
1880	83	14.7	12.7	SE	10	
1880	84	14.7	12.7	SE	10	
1880	85	14.7	12.7	SE	10	
1880	86	14.7	12.7	SE	10	
1880	87	14.7	12.7	SE	10	
1880	88	14.7	12.7	SE	10	
1880	89	14.7	12.7	SE	10	
1880	90	14.7	12.7	SE	10	
1880	91	14.7	12.7	SE	10	
1880	92	14.7	12.7	SE	10	
1880	93	14.7	12.7	SE	10	
1880	94	14.7	12.7	SE	10	
1880	95	14.7	12.7	SE	10	
1880	96	14.7	12.7	SE	10	
1880	97	14.7	12.7	SE	10	
1880	98	14.7	12.7	SE	10	
1880	99	14.7	12.7	SE	10	
1880	100	14.7	12.7	SE	10	

TRINIDAD, COLORADO  
(Continued)

Elevation 5,994 Feet		Las Animas County		Index No. S. E. 86	
Year	Annual Precipitation In Inches	Per Cent of 35-Yr. Average	Departure From 35-Yr. Average	Cumulative Departure From 35-Yr. Average	Five-Year Moving Average
1931	14.35	87	-2.05	11.07	15.63
32	12.69	77	-3.71	7.36	14.32
33	12.77	78	-3.63	3.73	13.75
34	12.53	76	-3.87	-0.14	14.16
35	16.39	100	-0.01	-0.15	13.93
36	16.44	100	0.04		
37	11.52	70	-4.88		

Average Precipitation 35-Years 1899-1907, 1910-1935 16.40

Estimated Average Precipitation 56-Years 1880-1935 16.3

\* No record. # Partial record.  
Annual precipitation figures from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 35-YEAR PERIOD  
1899-1907, 1910-1935, INCL.

MONTHLY MEAN TEMPERATURE  
FOR THE 32-YEAR PERIOD  
1900-1907, 1912-1935, INCL.

Month	Max.	Min.	Average
Jan.	1.75	0.00	0.40
Feb.	2.36	0.00	0.81
Mar.	3.32	0.00	1.10
Apr.	5.10	*T	1.89
May	5.25	0.05	1.87
June	*5.48	0.08	1.63
July	4.89	0.51	2.46
Aug.	7.03	0.41	2.23
Sept.	*6.78	0.05	1.30
Oct.	4.25	T	1.23
Nov.	3.13	T	0.75
Dec.	4.15	0.01	0.73

Month	Max.	Min.	Average
Jan.	42.0	24.4	33.6
Feb.	44.6	24.1	36.4
Mar.	48.1	34.4	42.1
Apr.	55.2	43.8	49.1
May	64.8	50.4	57.8
June	70.8	63.2	67.3
July	75.2	67.3	71.7
Aug.	75.6	65.4	70.1
Sept.	69.6	56.6	63.6
Oct.	58.2	48.7	53.4
Nov.	48.6	32.3	42.3
Dec.	42.1	25.3	33.6

Annual.....16.40

Annual.....51.8

T - Less than 0.01 inch.

\* Not included in years used to obtain average.



# TABLE I Summary of Results

Run	Time (min)	Temp (°C)	Pressure (mm Hg)	Yield (%)	Analysis
1	10	100	1.0	85	C, 65.0; H, 7.5
2	20	100	1.0	88	C, 65.0; H, 7.5
3	30	100	1.0	90	C, 65.0; H, 7.5
4	40	100	1.0	92	C, 65.0; H, 7.5
5	50	100	1.0	94	C, 65.0; H, 7.5
6	60	100	1.0	96	C, 65.0; H, 7.5
7	70	100	1.0	98	C, 65.0; H, 7.5

Reaction conditions: 100°C, 1.0 mm Hg, 10 min.

Analysis: C, 65.0; H, 7.5.

\* See text for details.

Yield: 98% (based on theoretical).

TABLE II  
Summary of Results

Run	Time (min)	Temp (°C)	Pressure (mm Hg)	Yield (%)	Analysis
1	10	100	1.0	85	C, 65.0; H, 7.5
2	20	100	1.0	88	C, 65.0; H, 7.5
3	30	100	1.0	90	C, 65.0; H, 7.5
4	40	100	1.0	92	C, 65.0; H, 7.5
5	50	100	1.0	94	C, 65.0; H, 7.5
6	60	100	1.0	96	C, 65.0; H, 7.5
7	70	100	1.0	98	C, 65.0; H, 7.5

Reaction conditions: 100°C, 1.0 mm Hg, 10 min.

\* See text for details.

Yield: 98% (based on theoretical).

Analysis: C, 65.0; H, 7.5.

# TRINIDAD, COLO. 5 Year Moving Average Precipitation 1899-1907, 1910-1935



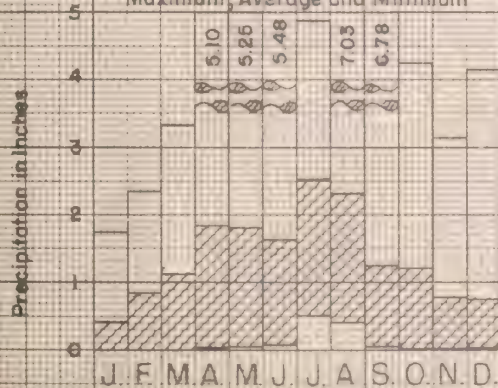
COLORADO STATE PLANNING COMMISSION

S.W. 10-26-37

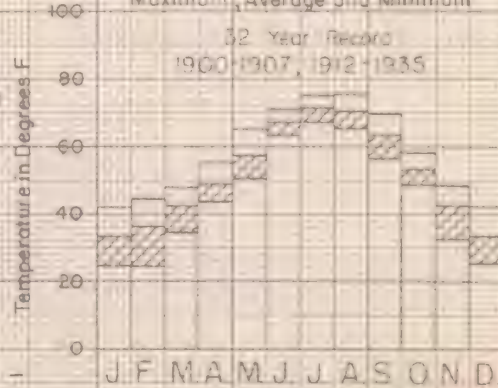
## TRINIDAD, COLO. Departure from Average Precipitation 1878-1935 Years of record-38



### Monthly Precipitation Maximum, Average and Minimum



### Monthly Mean Temperature Maximum, Average and Minimum



COLORADO STATE PLANNING COMMISSION





# TWO BUTTES, COLORADO

Elevation 4,075 Feet		Baca County		Index No. S. E. 75	
Year	Annual Precipitation In Inches	Per Cent of 37-Yr. Average	Departure From 37-Yr. Average	Cumulative Departure From 37-Yr. Average	Five-Year Moving Average
1890	14.41	99	-0.21	-0.21	
91	23.16	158	8.54	8.33	
92	16.85	115	2.23	10.56	16.08
93	11.61	79	-3.01	7.55	17.01
94	14.36	98	-0.26	7.29	14.79
95	19.06	130	4.44	11.73	15.27
96	12.06	83	-2.56	9.17	16.61
97	19.26	132	4.64	13.81	16.81
98	18.33	125	3.71	17.52	15.98
99	15.33	105	0.71	18.23	16.07
1900	14.94	102	0.32	18.55	15.10
01	12.50	86	-2.12	16.43	13.52
02	14.42	99	-0.20	16.23	15.05
03	10.43	71	-4.19	12.04	15.08
04	22.95	157	8.33	20.37	16.27
05	15.09	103	0.47	20.84	16.37
06	18.44	126	3.82	24.64	16.18
07	14.95	102	0.33	24.99	14.16
08	9.47	65	-5.15	19.84	13.18
09	12.84	88	-1.78	18.06	12.37
1910	10.22	70	-4.40	13.66	12.45
11	14.38	98	-0.24	13.42	13.27
12	15.33	105	0.71	14.13	14.39
13	13.58	93	-1.04	13.09	16.41
14	18.44	127	3.82	16.91	16.10
15	20.32	139	5.70	22.61	14.91
16	12.84	88	-1.78	20.83	16.10
17	9.37	64	-5.25	15.58	15.91
18	19.53	134	4.91	20.49	
19	17.51	120	2.89	23.38	
1920*					
21	13.14				
22	10.73				
23 <sup>1/2</sup>					
24 <sup>1/2</sup>					
25	14.62				
26 <sup>1/2</sup>					
27 <sup>1/2</sup>					
28 <sup>1/2</sup>					
29	11.26	77	-3.36	20.02	
1930	17.95	123	3.33	23.35	



TWO BUTTES, COLORADO  
(Continued)

Elevation 4,075 Feet		Baca County		Index No. S. E. 75	
Year	Annual Precipitation In Inches	Per Cent of 37-Yr. Average	Departure From 37-Yr. Average	Cumulative Departure From 37-Yr. Average	Five-Year Moving Average
1931	8.38	57	-6.24	17.11	12.35
32	13.78	94	-0.84	16.27	11.83
33	10.40	71	-4.22	12.05	9.94
34	8.63	59	-5.99	6.06	9.96
35	8.53	58	-6.09	0.03	8.88
36	8.46	58	-6.16		
37	8.38	57	-6.24		

Average Precipitation 37-Years 1890-1919, 1929-1935 14.62

Estimated Average Precipitation 56-Years 1880-1935 14.5

# Partial record.

\* No record.

Annual precipitation from U. S. Weather Bureau.

MONTHLY PRECIPITATION  
FOR THE 37-YEAR PERIOD  
1890-1919, 1929-1935, INCL.

MONTHLY MEAN TEMPERATURE  
FOR THE 34-YEAR PERIOD  
1893-1919, 1929-1935, INCL.

Month	Max.	Min.	Average
Jan.	1.07	0.00	0.28
Feb.	2.21	0.00	0.60
Mar.	3.64	T	0.73
Apr.	6.31	0.00	1.61
May	6.08	0.15	2.12
June	8.05	0.16	2.09
July	8.56	0.15	2.27
Aug.	6.63	0.02	1.79
Sept.	4.17	T	1.32
Oct.	3.94	0.00	0.79
Nov.	1.97	0.00	0.48
Dec.	2.31	0.00	0.54

Annual.....14.62

T - Less than 0.01 inch.

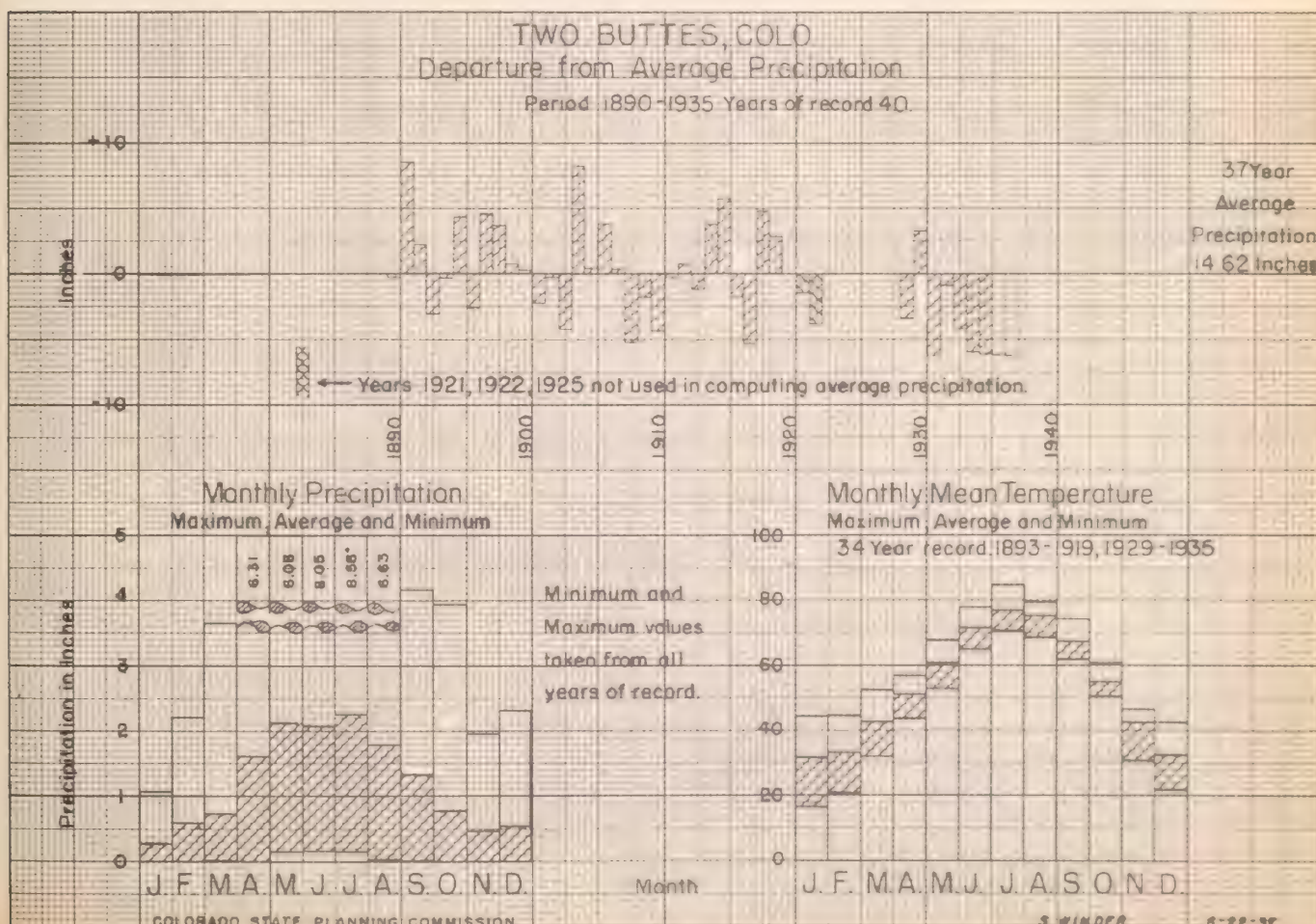
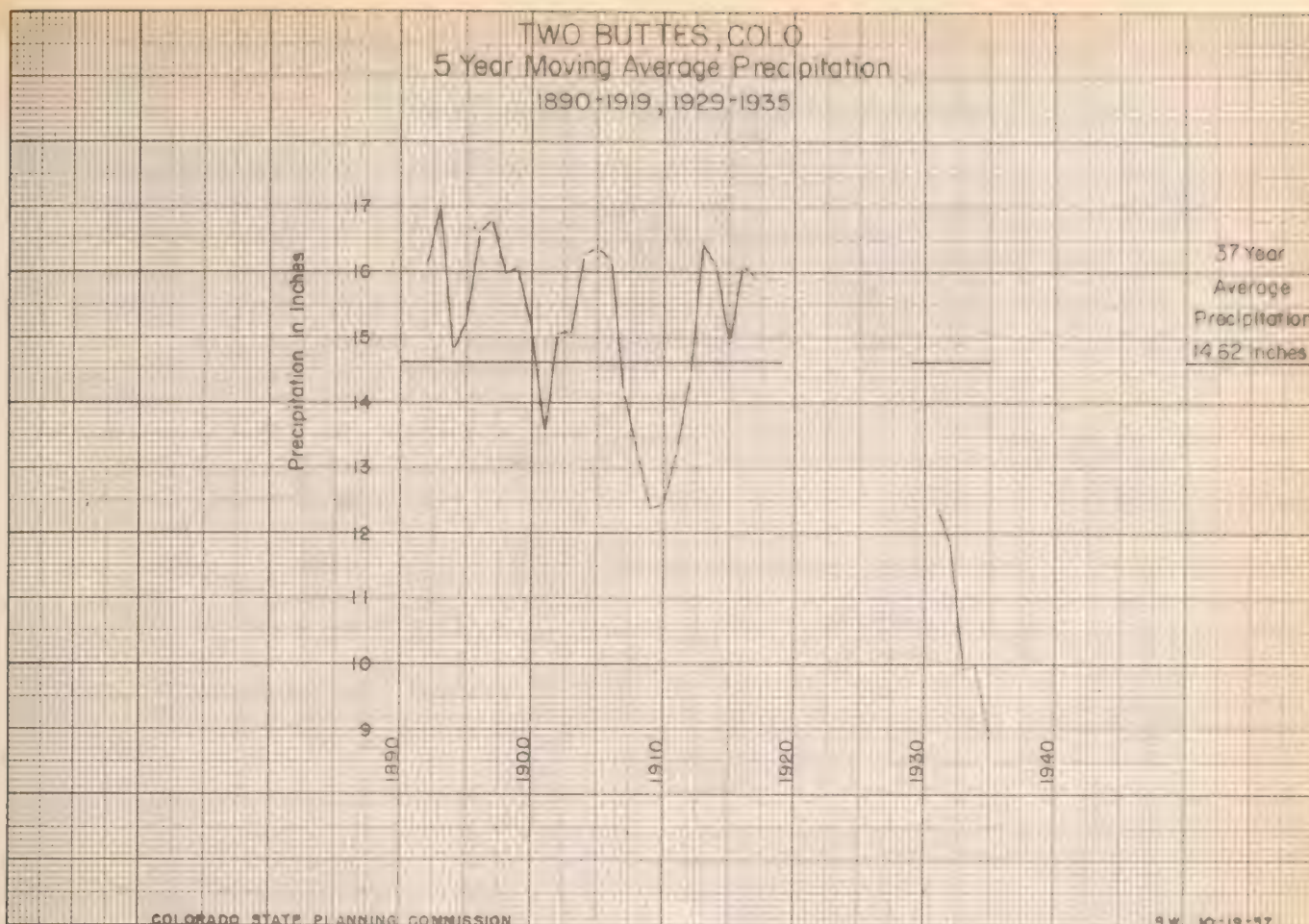
Month	Max.	Min.	Average
Jan.	44.1	16.6	31.8
Feb.	44.5	20.2	33.5
Mar.	52.6	32.0	42.5
Apr.	57.4	43.3	51.6
May	67.9	53.2	60.6
June	78.0	64.3	71.6
July	84.9	70.2	77.0
Aug.	79.8	68.3	75.4
Sept.	74.1	61.9	67.6
Oct.	60.7	50.6	55.2
Nov.	46.5	30.6	42.4
Dec.	42.4	*21.7	32.4

Annual.....53.5

\* Not included in years used to obtain average.











# WRAY, COLORADO

Elevation 3,512 Feet		Yuma County		Index No. N. E. 54	
Year	Annual Precipitation In Inches	Per Cent of 35-Yr. Average	Departure From 35-Yr. Average	Cumulative Departure From 35-Yr. Average	Five-Year Moving Average
1890	9.27	53	-8.28	-8.28	
91	20.69	118	3.14	-5.14	
92	21.30	121	3.75	-1.39	14.23
93 <sup>C</sup>	9.26	53	-8.29	-9.68	15.61
94 <sup>C</sup>	10.62	61	-6.93	-16.61	14.80
95	16.19	92	-1.36	-17.97	14.58
96	16.63	94	-0.92	-18.89	16.47
97	20.19	115	2.64	-16.25	16.49
98	18.71	107	1.16	-15.09	16.90
99	10.74	61	-6.81	-21.90	18.06
1900	18.24	104	0.69	-21.21	19.42
01	22.44	128	4.89	-16.32	18.55
02	26.99	154	9.44	-6.88	19.96
03	14.35	82	-3.20	-10.08	20.80
04	17.79	101	0.24	-9.84	20.93
05	22.43	128	4.88	-4.96	18.49
06	23.09	132	5.54	-0.58	19.61
07	14.73	84	-2.82	-2.24	19.59
08	20.03	114	2.48	0.24	17.66
09	17.66	101	0.11	0.35	16.28
1910	12.81	73	-4.74	-4.39	18.42
11	16.18	92	-1.37	-5.76	17.49
12	25.41	145	7.86	2.10	17.43
13	15.37	88	-2.18	-0.08	20.73
14	17.39	99	-0.16	-0.24	
15	29.31	167	11.76	11.52	
16 <sup>#</sup>					
17	19.13	109	1.58		
18	18.32	104	0.77		
19 <sup>#</sup>					
1920	23.17	132	5.62		
21	15.92	91	-1.63		
22	20.97	119	3.42		
23 <sup>#</sup>					
24 <sup>#</sup>					
25	16.14	92	-1.41		
26 <sup>#</sup>					
27	16.92	96	-0.63	10.89	
28	21.15	121	3.60	14.49	
29	18.43	105	0.88	15.37	16.54
1930	18.28	104	0.73	16.10	17.46

# TABLE 1

STATION NO.		DATE		TIME	
NO.	NAME	DATE	TIME	NO.	NAME
1	...	...	...	1	...
2	...	...	...	2	...
3	...	...	...	3	...
4	...	...	...	4	...
5	...	...	...	5	...
6	...	...	...	6	...
7	...	...	...	7	...
8	...	...	...	8	...
9	...	...	...	9	...
10	...	...	...	10	...
11	...	...	...	11	...
12	...	...	...	12	...
13	...	...	...	13	...
14	...	...	...	14	...
15	...	...	...	15	...
16	...	...	...	16	...
17	...	...	...	17	...
18	...	...	...	18	...
19	...	...	...	19	...
20	...	...	...	20	...
21	...	...	...	21	...
22	...	...	...	22	...
23	...	...	...	23	...
24	...	...	...	24	...
25	...	...	...	25	...
26	...	...	...	26	...
27	...	...	...	27	...
28	...	...	...	28	...
29	...	...	...	29	...
30	...	...	...	30	...
31	...	...	...	31	...
32	...	...	...	32	...
33	...	...	...	33	...
34	...	...	...	34	...
35	...	...	...	35	...
36	...	...	...	36	...
37	...	...	...	37	...
38	...	...	...	38	...
39	...	...	...	39	...
40	...	...	...	40	...
41	...	...	...	41	...
42	...	...	...	42	...
43	...	...	...	43	...
44	...	...	...	44	...
45	...	...	...	45	...
46	...	...	...	46	...
47	...	...	...	47	...
48	...	...	...	48	...
49	...	...	...	49	...
50	...	...	...	50	...
51	...	...	...	51	...
52	...	...	...	52	...
53	...	...	...	53	...
54	...	...	...	54	...
55	...	...	...	55	...
56	...	...	...	56	...
57	...	...	...	57	...
58	...	...	...	58	...
59	...	...	...	59	...
60	...	...	...	60	...
61	...	...	...	61	...
62	...	...	...	62	...
63	...	...	...	63	...
64	...	...	...	64	...
65	...	...	...	65	...
66	...	...	...	66	...
67	...	...	...	67	...
68	...	...	...	68	...
69	...	...	...	69	...
70	...	...	...	70	...
71	...	...	...	71	...
72	...	...	...	72	...
73	...	...	...	73	...
74	...	...	...	74	...
75	...	...	...	75	...
76	...	...	...	76	...
77	...	...	...	77	...
78	...	...	...	78	...
79	...	...	...	79	...
80	...	...	...	80	...
81	...	...	...	81	...
82	...	...	...	82	...
83	...	...	...	83	...
84	...	...	...	84	...
85	...	...	...	85	...
86	...	...	...	86	...
87	...	...	...	87	...
88	...	...	...	88	...
89	...	...	...	89	...
90	...	...	...	90	...
91	...	...	...	91	...
92	...	...	...	92	...
93	...	...	...	93	...
94	...	...	...	94	...
95	...	...	...	95	...
96	...	...	...	96	...
97	...	...	...	97	...
98	...	...	...	98	...
99	...	...	...	99	...
100	...	...	...	100	...

WRAY, COLORADO  
(Continued)

Elevation 3,512 Feet			Yuma County		Index No. N. E. 54	
Year	Annual Precipitation In Inches	Per Cent of 35-Yr. Average	Departure From 35-Yr. Average	Cumulative Departure From 35-Yr. Average	Five-Year Moving Average	
1931	7.92	45	-9.63	6.47	16.70	
32	21.51	122	3.96	10.43	15.34	
33	17.38	99	-0.17	10.26	14.32	
34	11.63	66	-5.92	4.34	16.50	
35	13.14	75	-4.41	-0.07	14.63	
36	18.83	107	1.28			
37	12.17	69	-5.38			

Average Precipitation 35-Years 1890-1915, 1927-1935, 17.55

Estimated Average Precipitation 56-Years 1880-1935, 17.8

#Partial record. @ Average used for missing months record.  
Annual precipitation figures from U. S. Weather Bureau, except as noted.

MONTHLY PRECIPITATION  
FOR THE 35-YEAR PERIOD  
1890-1915, 1927-1935, INCL.

Month	Max.	Min.	Average
Jan.	1.80	0.01	0.29
Feb.	1.98	0.02	0.63
Mar.	3.10	T	0.92
Apr. (#)	6.03	0.03	2.30
May	7.00	0.04	2.64
June	6.40	0.37	2.95
July	8.31	0.12	2.67
Aug.	5.86	0.30	2.27
Sept.	3.73	T	1.13
Oct.	4.53	T	0.92
Nov.	1.92	0.00	0.40
Dec.	3.73	0.00	0.43

Annual.....17.55

MONTHLY MEAN TEMPERATURE  
FOR THE 29-YEAR PERIOD  
1896-1915, 1927-1935, INCL.

Month	Max.	Min.	Average
Jan.	36.8	12.9	29.2
Feb.	39.8	15.1	30.8
Mar.	51.0	25.5	39.1
Apr.	53.9	44.4	50.2
May	68.0	50.6	59.3
June	75.2	64.0	69.1
July	81.8	69.8	75.0
Aug.	78.0	66.8	73.1
Sept.	69.7	53.3	64.3
Oct.	57.0	46.1	51.8
Nov.	44.4	28.6	39.3
Dec.	38.1	18.1	29.1

Annual.....50.9

# Interpolated by U. S. W. B..  
T - Less than 0.01 inch



1902		1903		1904		1905		1906		1907		1908		1909		1910		1911		1912	
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115

The following table shows the results of the experiments conducted during the year 1912. The experiments were conducted in the laboratory of the Department of Agriculture, and the results are given in the following table. The experiments were conducted in the laboratory of the Department of Agriculture, and the results are given in the following table.

1912		1913		1914		1915		1916		1917		1918		1919		1920		1921		1922	
Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115

The following table shows the results of the experiments conducted during the year 1922. The experiments were conducted in the laboratory of the Department of Agriculture, and the results are given in the following table. The experiments were conducted in the laboratory of the Department of Agriculture, and the results are given in the following table.

# WRAY, COLO. 5 Year Moving Average Precipitation 1890-1915, 1927-1935



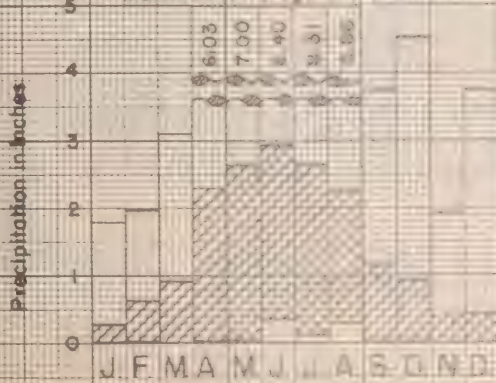
COLORADO STATE PLANNING

5-4 14-26-37

## WRAY, COLO. Departure from Average Precipitation 1890-1935 (years of record 41)



### Monthly Precipitation Maximum Average and Minimum



COLORADO STATE PLANNING

### Monthly Mean Temperature Maximum Average and Minimum



5-4 14-26-37

5-5-37

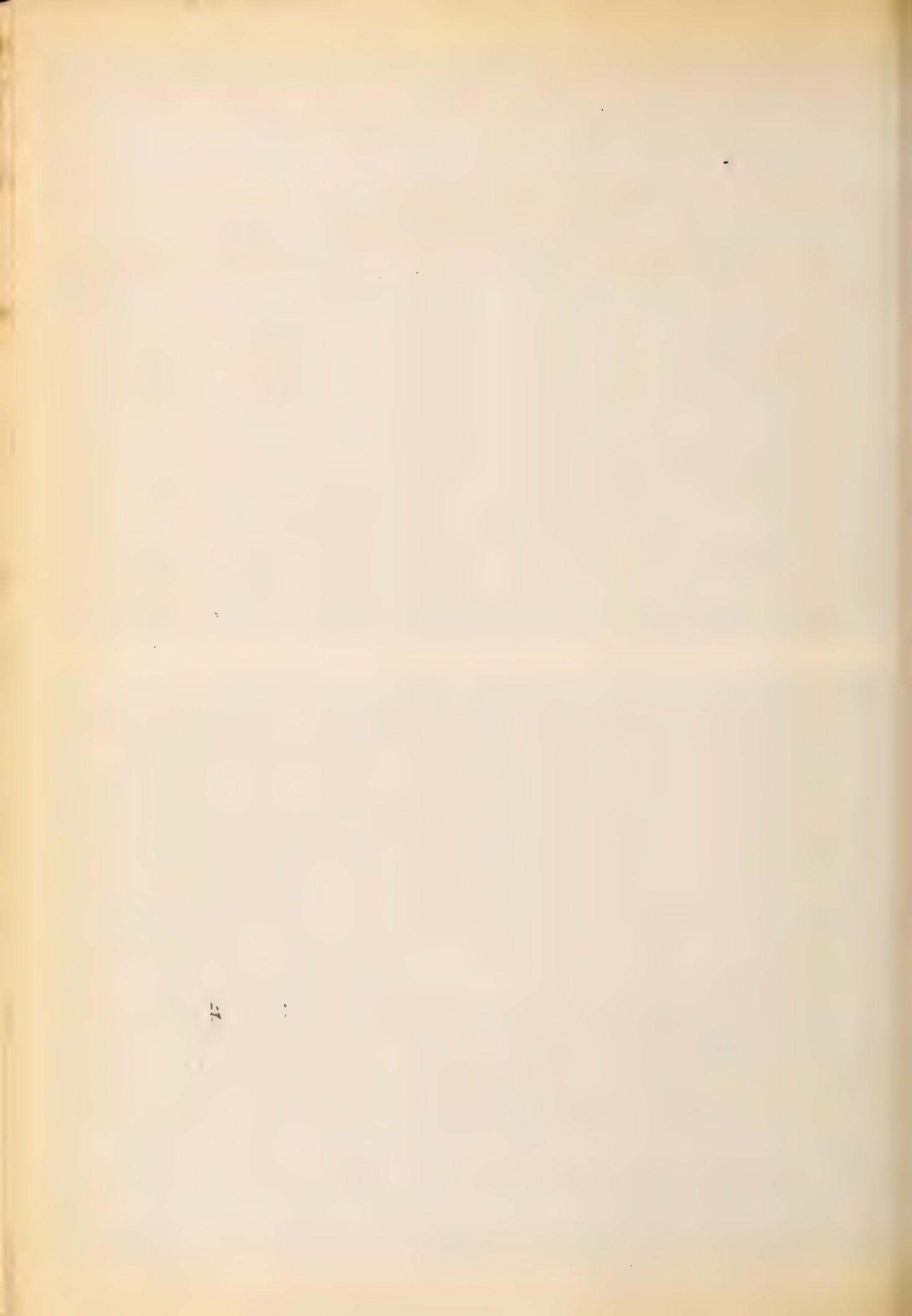




TABLE IV

## 1936 AND 1937 PRECIPITATION AND TEMPERATURE

Northeastern Division											
		Precipitation in Inches						Temperature			
Index No.	Station	xIncl.1935 Yrs.	1936 Annual		1937 Annual		Incl.1935 Yrs.	Ave. Annual		1936	1937
			Ave. Inches	of Col.4	Inches	of Col.4		Ave.	1936		
1	2	3	4	5	6	7	8	9	10	11	12
NE 1	Pearl	13	19.73	17.53	89	17.09	87	7	34.4	34.8	9 Mos.
NE 2	Julesburg	24	17.74	10.31	58	11.17	63	19	49.0	49.5	48.2
NE 5	Sedgwick	24	17.63	12.87	73	14.80	84	24	48.9	48.8	48.2
NE 7	Crover	24	13.96	8.72	62	10.55	76	24	46.3	*47.8	9 Mos.
NE 7 <sup>1</sup>	Kauffman	-	-	4 Mos.	-	12.78	-	-	-	4 Mos.	45.8
NE 20	Haxtun	17	15.57	5 Mos.	-	9.95	64	-	-	-	-
NE 22	Holyoke	40	17.39	17.25	99	13.26	76	20	49.5	*49.9	49.2
NE 24	Sterling	26	15.27	14.10	92	11.34	74	26	48.4	48.2	46.6
NE 26	Ft. Collins	49	14.72	11.81	80	12.93	88	49	46.7	48.4	46.7
NE 28	Le Roy	47	17.26	16.05	93	13.65	79	41	48.4	49.6	47.8
NE 32	Spicer	26	11.34	11.26	99	13.68	121	24	36.9	*36.8	37.6
NE 33	Greeley	48	12.56	10.39	83	11.32	90	40	48.0	48.4	46.9
NE 36	Estes Park	26	17.79	18.78	105	19.34	109	20	42.2	41.8	*41.7
NE 37	Waterdale	41	15.88	12.71	80	12.00	76	33	47.8	*49.7	*47.7
NE 43	Fort Morgan	47	13.80	14.55	105	9.91	72	39	47.6	48.5	46.4
NE 44	Longs Peak	41	21.41	24.28	113	22.14	103	40	37.4	10 Mos.	9 Mos.
NE 47	Akron	19	18.38	-	-	10 Mos.	-	8	47.7	-	10 Mos.
NE 48	Longmont	25	14.04	9.13	65	10.06	72	25	48.0	49.3	47.3
NE 50	Yuma	46	17.09	15.62	91	12.70	74	-	-	-	-
NE 54	Wray	35	17.55	18.83	107	12.17	69	29	50.9	49.7	48.4
NE 56	Ft. Lupton	25	12.42	9.59	77	8.50	68	17	49.0	50.4	48.1
NE 59	Silver Lake	25	31.80	32.85	103	28.33	89	-	-	-	-
NE 62	Boulder	43	17.70	20.25	114	15.58	88	39	50.8	51.4	49.6
NE 71	Hawthorne	27	21.65	25.42	117	17.68	82	-	-	-	-
NE 76	Denver	64	14.07	16.54	118	10.88	77	63	50.3	52.2	50.5
NE 78	Edgewater	27	15.65	17.38	111	12.24	78	28	49.0	51.0	50.5
NE 79	Denver Airport	1	16.65	16.80	101	11.34	68	1	50.6	50.9	49.0
NE 84	Idaho Springs	45	15.75	11.86	75	14.66	93	31	43.2	42.3	10 Mos.
NE 86	Byers	5	10.61	17.58	160	9.12	86	5	51.1	50.3	48.6
NE 90	Cope	36	18.48	13.71	74	13.69	74	15	49.5	-	-
NE 97	Kassler	37	17.18	19.67	114	14.82	86	22	51.2	53.0	51.0
NE 98	Parker	5	11.95	15.80	132	11.94	100	5	48.0	46.2	44.2
NE 105 <sup>1</sup>	Kiowa	-	-	-	-	16.12	-	-	-	-	45.8
NE 106	Burlington	45	17.10	12.56	73	12.55	73	32	50.8	52.1	51.0
NE 109	Stratton	1	17.02	14.17	83	13.64	80	1	51.4	51.7	50.4
NE 112	Arriba	20	15.49	11.57	75	10.94	71	20	48.4	48.9	48.2
NE 117	Cheesman	33	15.96	13.21	83	11.30	71	33	46.5	48.5	47.2
NE 120	Hartsel	27	10.66	12.47	117	9.83	92	-	-	-	-
Average of 54 Stations		31	16.33	15.46	95	13.39	82				
Average does not include Stations Nos. NE 7 <sup>1</sup> , 20, 47 and 105 <sup>1</sup> because of incomplete record.											

x From columns 3 and 4 of Table II, pages 15 to 27.

\* Mean used for one month missing record. This note applies also to Nos. 110 and 151.

MEMORANDUM FOR THE RECORD

DATE: 10/10/50

TO: THE DIRECTOR

FROM: MR. [Name]

NO.	NAME	DATE	REMARKS
1	John Doe	10/10/50	Present
2	Jane Smith	10/10/50	Absent
3	Robert Johnson	10/10/50	Present
4	Mary White	10/10/50	Absent
5	William Brown	10/10/50	Present
6	Elizabeth Black	10/10/50	Absent
7	James Green	10/10/50	Present
8	Patricia Gray	10/10/50	Absent
9	Richard Hall	10/10/50	Present
10	Susan King	10/10/50	Absent
11	Thomas Lee	10/10/50	Present
12	Barbara Miller	10/10/50	Absent
13	Charles Moore	10/10/50	Present
14	Dorothy Nelson	10/10/50	Absent
15	Frank Phillips	10/10/50	Present
16	Grace Scott	10/10/50	Absent
17	Henry Taylor	10/10/50	Present
18	Irene Walker	10/10/50	Absent
19	Jack Young	10/10/50	Present
20	Karen Ziegler	10/10/50	Absent

Approved: \_\_\_\_\_

Special Agent in Charge



TABLE IV (Continued)

## 1936 AND 1937 PRECIPITATION AND TEMPERATURE

Southeastern Division											
		Precipitation in Inches						Temperature			
Index No.	Station	Incl. 1935		1936 Annual		1937 Annual		Incl. 1935		Ave. Annual	
		Yrs.	Ave.	Inches	% of Col. 4	Inches	% of Col. 4	Yrs.	Ave.	1936	1937
1	2	3	4	5	6	7	8	9	10	11	12
4	Limon	27	13.90	14.44	104	12.61	91	26	47.5	49.1	48.3
5	Leadville	40	18.54	28.83	155	27.95	151	28	35.6	36.6	35.9
11	Monument	25	19.30	20.00	104	15.24	79	25	44.6	46.0	45.4
13	Calhan	28	15.93	12.78	80	14.15	89	28	46.0	47.6	46.4
17	Long Branch	16	13.15	6.61	50	9.53	72	16	48.7	49.8	48.8
18	Cheyenne Wells	39	16.37	9.46	58	10.66	65	39	51.1	53.9	52.1
23	Fremont Exp. St.	26	21.60	8 Mos.	-	-	-	26	39.2	8 Mos.	-
24	Buena Vista	36	9.38	7.48	80	9.11	97	31	41.4	43.1	*41.1
26	Colorado Sprgs.	50	14.19	12.45	88	10.10	71	50	47.8	49.9	48.7
28	Rush	12	11.70	15.79	118	11.62	99	-	-	-	-
31	Lake Moraine	41	24.73	23.82	96	18.97	77	42	35.6	36.1	34.9
40	Salida	28	11.86	10.46	88	7.32	66	28	45.4	46.3	45.9
41½	Savage Ranch	3	8.11	9 Mos.	-	8.89	110	-	-	9 Mos.	50.1
42	Bads	13	14.21	11.55	81	9.84	69	13	51.2	11 Mos.	9 Mos.
44	Canon City	48	12.62	12.45	99	9.78	77	43	53.3	55.2	*53.7
45	Penrose	12	11.07	13.19	119	6.68	60	-	-	-	-
46	Haswell	14	12.18	9.53	78	6.47	53	-	-	-	-
47	Florence	2	14.32	10.78	75	-	-	1	54.8	54.4	-
50	Pueblo	62	12.09	12.83	106	7.43	61	47	52.0	53.4	52.6
53	Ordway	15	10.59	10.37	98	8.26	78	-	-	-	-
55	Westcliffe	25	14.92	35.48	238	20.03	134	24	42.5	44.9	44.5
58	Lamar	47	15.30	11.27	74	7.67	50	47	54.5	*57.1	54.7
60	Rocky Ford	47	12.09	12.31	102	6.43	53	47	52.1	*52.2	51.7
61	Las Animas	69	12.15	12.36	102	6.15	51	69	52.4	10 Mos.	53.5
64	Holly	42	14.69	9.26	63	7.81	53	36	54.0	54.4	53.6
68½	Malachite	-	-	-	-	11 Mos.	-	-	-	-	-
	Ranger Station										
72	Walsenburg	1	12.07	8 Mos.	-	11.89	-	1	54.5	7 Mos.	9 Mos.
74	La Veta Pass	27	21.41	11.73	55	13.36	62	-	-	-	-
75	Two Buttes	37	14.62	8.46	58	8.36	57	34	53.5	*54.1	53.2
80	Springfield	30	16.83	10.48	61	13.73	81	-	-	-	-
82	Cuchara Camps	27	23.91	4 Mos.	-	-	-	-	-	-	-
83	Uteyville	16	14.00	5 Mos.	-	12.11	87	-	-	-	-
83½	Box Ranch	-	-	-	-	7 Mos.	-	-	-	-	6 Mos.
84	Hoehne	27	14.14	-	-	11 Mos.	-	27	50.7	-	11 Mos.
85	North Lake	40	22.03	21.78	99	18.77	85	15	37.5	-	-
86	Trinidad	35	16.40	16.44	100	11.52	70	32	51.7	*53.1	52.1
Average of 27 Stations		33	14.91	14.06	94	11.47	77				

Average does not include Stations Nos. 32, 23, 41, 47, 68½, 72, 82, 83, 83½ and 84 because of incomplete record.

From columns 3 and 4 of Table II, pages 15 to 22.





TABLE IV (Continued)

## 1936 AND 1937 PRECIPITATION AND TEMPERATURE

Western Division											
Precipitation in Inches								Temperature			
Index No.	Station	Incl. 1935		1936 Annual		1937 Annual		Incl. 1935		Ave. Annual	
		Yrs.	Ave.	Inches	% of Col. 4	Inches	% of Col. 4	Yrs.	Ave.	1936	1937
1	2	3	4	5	6	7	8	9	10	11	12
W 1	Columbine	26	22.77	24.74	109	20.43	90	-	-	-	-
W 3 $\frac{1}{2}$	Greystone	-	-	-	-	10 Mos.	-	-	-	-	10 Mos.
W 4	Sunbeam	9	10.01	10.84	108	12.13	121	9	42.5	44.4	42.7
W 6	Craig	-	-	8 Mos.	-	14.04	-	-	-	8 Mos	11 Mos.
W 7	Hayden	8	16.90	16.12	95	15.17	90	15	42.1	42.0	40.7
W 8	Steamboat Sprs.	27	23.96	22.49	94	29.30	122	26	38.0	39.7	39.0
W 12	Willow Creek	5	16.19	20.20	155	29.10	160	1	45.3	41.9	40.8
W 22	Meeker	41	15.69	13.50	86	20.29	129	38	43.0	44.2	43.3
W 25	Fraser	26	20.30	13.74	92	13.72	66	26	32.3	33.9	*32.7
W 32	Dillon	26	17.62	26.76	152	16.15	92	26	33.2	35.6	34.4
W 35	Shoshone	26	16.24	21.17	130	23.18	143	5	47.4	-	-
W 37	Rifle	19	11.61	6.93	60	9.36	81	34	47.6	49.3	*46.7
W 38	Glenwood Sprgs.	34	15.25	19.56	128	24.12	158	33	45.9	49.1	48.3
W 48	Collbran	44	15.88	13.01	82	16.88	106	35	45.8	46.3	45.1
W 49	Aspen	6	19.70	21.36	108	22.37	114	6	40.5	42.3	41.0
W 50	Fruita	33	10.35	7.21	70	8.63	83	33	50.1	53.0	51.3
W 52	Palisade	23	10.46	6.53	62	9.44	90	25	52.7	9 Mos.	54.6
W 54	Grand Junction	44	8.70	7.99	92	8.63	99	44	52.3	54.5	53.1
W 62	Cedaredge	32	11.74	10.67	91	11.74	100	32	48.3	50.0	48.0
W 63	Paonia	43	14.86	14.96	101	13.18	89	31	48.7	49.0	47.4
W 64	Crested Butte	26	22.06	27.04	123	28.07	127	26	34.1	37.5	36.4
W 65 $\frac{1}{2}$	Waterfall Ranch	-	-	18.53	-	22.06	-	-	-	-	-
W 67	Delta	48	8.17	6.97	85	7.92	97	46	49.9	52.2	51.3
W 69	Pitkin	27	16.19	18.42	114	18.46	114	-	-	-	-
W 71	Gunnison	42	10.21	12.16	119	11.05	108	42	36.9	39.9	38.3
W 75	Montrose	45	9.51	7.57	80	7.05	74	41	48.2	49.8	47.4
W 76	Sapinero	30	22.05	24.56	111	20.86	95	30	36.3	*39.1	38.2
W 86	Norwood	8	15.60	20.44	131	17.59	113	8	44.9	46.0	10 Mos.
W 88	Saguache	33	8.87	7.54	85	6.22	70	33	43.2	43.3	10 Mos.
W 93	Telluride	24	21.41	32.97	154	25.10	117	24	33.7	38.9	38.5
W 99	Ames	22	23.88	25.79	108	23.45	98	-	-	-	-
W 103	Hermit	26	17.81	15.13	85	12.45	70	24	33.4	36.0	34.1
W 104	Silverton	29	25.95	27.68	107	18.85	73	29	35.2	35.6	34.0
W 105	Trout Lake	22	28.17	32.25	114	26.07	93	-	-	-	-
W 106	Northdale	5	12.96	15.25	113	16.02	124	5	44.3	42.3	44.0
W 112	Garnett	45	6.77	7.35	109	5.67	64	34	41.0	*40.5	40.3
W 113	Rico	34	25.71	27.67	108	26.63	104	3	38.8	-	-
W 114	Cascade	29	29.26	26.29	90	24.54	64	-	-	-	-
W 115	Del Norte	12	7.97	9.19	116	8.12	102	11	41.8	43.8	43.2
W 123	Pagosa Sprgs. (near)	6	29.23	46.79	160	4 Mos.	-	5 Yrs.	38.9	8 Mos.	-
W 126	Alamosa	4	6.08	9.17	151	6.13	101	4 Yrs.	42.4	42.5	42.2
W 131	Cortez	6	12.10	14.20	117	12.94	107	6	47.7	48.7	47.4
W 135	Durango	41	19.47	17.20	88	18.22	94	41	46.1	46.3	45.0
W 136	Fort Lewis	34	17.77	21.48	121	17.58	99	27	43.4	44.3	43.0
W 137	Mesa Verde	13	17.68	22.59	128	22.62	128	14	49.7	52.5	51.6
W 140	Manassa	30	6.81	10.46	154	8.55	126	30	42.0	*43.3	43.0
W 141	Ignacio	22	16.02	15.32	96	15.56	97	22	45.4	47.7	45.5
W 146	Cumbres	26	31.41	40.18	128	40.56	129	2	33.5	-	-

Average of 44 Stations 26 16.37 17.86 109 17.05 104

Average does not include Stations Nos. W 3 $\frac{1}{2}$ , 6, 65 $\frac{1}{2}$  and 123 because of incomplete record.







# 1938 ANNUAL PRECIPITATION AND TEMPERATURE

Northeastern Division				Southeastern Division				Western Division			
Sta. No.	Precipitation		Temp. Ave. Deg.	Sta. No.	Precipitation		Temp. Ave. Deg.	Sta. No.	Precipitation		Temp. Ave. Deg.
	In-ches	% Col. 4 Table II			In-ches	% Col. 4 Table II			In-ches	% Col. 4 Table II	
11	5 mo.	---	5 mo.	SE4	19.04	137	50.2	W 1	30.34	133	---
12	15.92	90	50.8	SE5	27.75	150	35.5	W 3½	16.26	---	45.6
15	18.28	104	51.4	SE11	26.11	135	45.9	W 4	13.52	135	43.5
17	16.38	100	48.9	SE13	19.40	122	47.6	W 6	13.84	---	42.2
17½	16.92	---	47.8	SE17	14.33	109	50.1	W 7	12.80	76	42.1
119	12.21	---	36.0	SE18	13.21	81	52.8	W 8	25.28	106	39.4
120	-----	---	----	SE24	12.71	135	9mo.	W 12	25.99	143	10mo.
122	22.09	127	51.5	SE26	15.25	107	49.8	W 22	19.80	126	42.9
124	16.71	109	49.5	SE28	14.52	124	----	W 25	18.54	91	32.9
126	19.72	134	48.9	SE31	34.91	141	34.2	W 32	20.74	118	33.9
128	19.37	112	50.9	SE40	16.88	142	46.2	W 33½	20.49	---	41.1
132	17.06	150	37.3	SE41½	7 mo.	---	6 mo.	W 35	20.45	126	----
133	10.89	87	49.2	SE42	5 mo.	---	5 mo.	W 37	11.79	102	48.1
136	21.81	123	42.0	SE44	13.76	109	54.5	W 38	22.75	149	48.1
137	25.55	161	48.5	SE45	13.22	119	----	W 48	13.78	87	45.3
143	13.20	96	49.3	SE46	12.33	101	----	W 49	23.15	118	40.8
144	28.07	131	37.5	SE50	13.32	110	54.0	W 50	9.04	87	51.7
147	13.90	76	50.5	SE53	10.40	98	----	W 52	8.81	84	54.6
148	16.95	121	49.1	SE55	30.14	202	44.1	W 54	9.25	106	53.5
150	16.11	94	----	SE58	17.69	116	55.4	W 62	13.92	119	47.7
154	19.31	110	50.6	SE60	11.38	94	53.2	W 63	16.45	111	9mo.
156	17.95	145	50.0	SE61	12.69	104	10mo.	W 64	26.25	119	35.9
159	30.78	97	----	SE64	17.02	116	55.8	W 65½	19.70	---	----
162	29.09	164	50.7	*SE66½	31.33	---	8mo.	W 67	9.29	114	51.1
171	30.91	143	----	SE68½	18.43	---	----	W 69	18.18	112	----
*174½	5 mo.	---	----	SE72	16.19	134	8mo.	W 71	12.22	120	39.1
176	19.46	138	52.2	SE74	26.27	123	----	W 75	13.29	140	48.0
178	24.82	159	52.1	SE75	15.03	103	54.9	W 76	27.48	125	37.4
179	20.43	123	50.6	SE80	16.10	96	----	W 86	1 mo.	---	1mo.
184	19.58	124	45.1	SE83	8 mo.	---	----	W 88	9.28	105	42.7
186	22.65	213	50.1	SE83½	14.72	---	11 mo.	W 93	44.11	206	37.8
190	19.44	105	----	SE84	13.81	98	51.5	W 99	33.84	142	----
197	24.56	143	52.4	SE85	25.15	114	----	W103	22.37	126	34.6
198	20.30	170	45.2	SE86	16.05	98	52.4	W104	31.84	123	34.6
2101½	10mo.	---	9mo.	Ave. 28 stations 118				W105	33.38	118	----
2105½	22.57	---	46.4	*New Station, San Isabel Custer County, Elev. 8,500 ft. Lat. 37°59' North Long. 105°03' West				W106	15.67	121	45.1
2106	19.64	115	53.5					W112	10.03	148	42.6
2109	17.00	100	52.8					W113	31.36	122	----
2112	16.66	108	50.2					W114	38.29	131	----
2117	18.90	118	47.5					W115	11.14	140	42.8
2120	17.44	164	----					W123	3mo.	---	3mo.
ve. 34								W126	11.04	182	42.0
tations	125							W131	16.48	136	48.4
								W135	19.38	100	45.2
								W136	19.12	108	43.3
								W137	28.18	159	50.3
								W140	7.01	103	42.6
								W141	15.51	97	46.4
								W146	57.31	182	----
								Ave. 43			
								Stations	123		

New Station, Arvada,  
Jefferson County.  
Elevation 5,500 ft.  
Lat. 39°47' North  
Long. 105°04' West.

New Station, Arvada,  
Jefferson County.  
Elevation 5,500 ft.  
Lat. 39°47' North  
Long. 105°04' West.





# GROUPING OF WEATHER BUREAU STATIONS

## BY PERIOD OF RECORD

### GROUP I

40 Years record or over. Statewide list.

NE 62	Boulder	W 54	Grand Junction	NE 28	Le Roy
NE 106	Burlington	NE 33	Greeley	NE 44	Longs Peak
SE 44	Canon City	W 71	Gunnison	W 22	Meeker
W 48	Collbran	SE 64	Holly	W 75	Montrose
SE 26	Colorado Springs	NE 22	Holyoke	SE 85	North Lake
W 67	Delta	NE 84	Idaho Springs	W 63	Paonia
NE 76	Denver	SE 31	Lake Moraine	SE 50	Pueblo
W 135	Durango	SE 58	Lamar	SE 60	Rocky Ford
NE 26	Fort Collins	SE 61	Las Animas	NE 37	Waterdale
NE 43	Fort Morgan	W 5	Lay	NE 50	Yuma
W 112	Garnett	SE 5	Leadville		

### GROUP II

30-39 Years record. Statewide list.

SE 24	Buena Vista	W 50	Fruita	W 88	Saguache
W 62	Cedaredge	W 38	Glenwood Springs	W 76	Sapinero
NE 117	Cheesman	NE 97	Kassler	W 139	San Luis
SE 18	Cheyenne Wells	NE 25	La Porte	SE 86	Trinidad
NE 90	Cope	W 140	Manassa	SE 75	Two Buttes
W 136	Ft. Lewis	W 113	Rico	NE 54	Wray

### GROUP III

20-29 Years record. Statewide list.

W 99	Ames	SE 23	Fremont Exp. Sta.	W 52	Palisade
NE 112	Arriba	SE 39	Garfield	W 69	Pitkin
NE 119	Auldhurst	NE 7	Grover	NE 23	Rugh's Ranch
W 58	Ashcroft	W 43	Grand Valley	SE 40	Salida
W 41	Breckenridge	NE 120	Hartsel	NE 5	Sedgwick
SE 13	Calhan	NE 71	Hawthorne	NE 59	Silver Lake
W 114	Cascade	SE 10	Hamps	W 35	Shoshone
NE 104	Castle Rock	W 103	Hermit	W 104	Silverton
W 1	Columbine	SE 84	Hoehne	NE 32	Spicer
W 56	Columbine Ranch	W 141	Ignacio	SE 80	Springfield
W 64	Crested Butte	NE 2	Julesburg	W 8	Steamboat Spg.
SE 82	Cuchara Camp	SE 74	La Veta Pass	NE 24	Sterling
W 146	Cumbres	SE 4	Limon	W 121	Tacoma
W 32	Dillon	NE 48	Longmont	W 93	Telluride
NE 78	Edgewater	W 130	Mancos	W 120	Terminal Dam
NE 36	Estes Park	SE 11	Monument	W 105	Trout Lake
W 128	Fort Garland	NE 40	Moraine	SE 36	Victor
NE 56	Fort Lupton	W 47	Nast	SE 81	Vilas
W 25	Fraser	W 10	Pagoda	SE 55	Westcliffe
NE 53	Frances				



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GROUP IV  
10-19 Years record. Statewide list.

NE 47 Akron	W 92 Ironton	SE 35 St. Elmo
NE 115 Alma	SE 69 La Junta	SE 77 Santa Clara
W 127 Blanca	SE 17 Long Branch	W 94 Savage Basin
NE 1 $\frac{1}{2}$ Box Elder	W 137 Mesa Verde	NE 110 Seibert
W 87 Cathedral	SE 88 Madrid	W 36 Silt
W 68 Crawford	SE 48 Marshall Pass	NE 74 Simpson
SE 33 Cripple Creek	SE 53 Ordway	SE 87 Stonewall
W 115 Del Norte	W 134 Pagosa Springs	SE 43 Sheridan L.
W 119 Dolores	W 122 Palisade Lake	NE 105 Thon
NE 83 Dumont	NE 1 Pearl	W 60 T. S. Ranch
SE 42 Eads	NE 3 Peetz	SE 12 Twin Lakes
NE 94 $\frac{1}{2}$ Elk Creek	SE 45 Penrose	SE 72 $\frac{1}{2}$ Two Buttes
NE 89 Fox	SE 29 Pikes Peak	Reservoir
NE 85 Georgetown	W 21 Rangely	SE 83 Uteleyville
W 97 Gladstone	W 40 Redcliff	W 110 Wagon Wheel
SE 25 Glen Eyrie	W 85 Redvale	Gap Exp. Sta.
W 13 Grand Lake	W 37 Rifle	W 109 Wagon Wheel
SE 46 Haswell	W 73 River Portal	Gap River Valley
NE 20 Haxtun	SE 28 Rush	NE 101 Mallet
SE 68 Huerfano	NE 6 St. Cloud	SE 1 Warton
SE 15 Husted	NE 61 Smoky Hill Mine	W 15 Yuma

GROUP V  
5-9 Years record. Statewide list.

NE 70 Abbot	W 98 Eureka	W 57 Marble
NE 9 Alford	SE 66 Fairview	W 116 Monte Vista
W 49 Aspen	NE 113 Flagler	NE 91 Morrison
NE 75 Bennett	W 118 Ft. Massachusetts	W 86 Norwood
SE 69 Bloom	W 39 Gilman	W 123 Pagosa
NE 86 Byers	W 59 Glade Park	Springs, (near)
NE 99 Cassells	NE 57 Gold Hill	NE 93 Parker
W 145 Chromo	SE 59 Goodpasture	W 132 Platono
W 82 Cochetopa	W 7 Hayden	W 14 Pyramid
NE 107 Como	W 124 Hermosa	W 65 Ruby
W 26 Corona	W 84 Horsefly	W 23 Sruce Lodge
W 131 Cortez	NE 65 Hoyt	W 4 Sunbeam
NE 8 Crook	W 133 La Jara	NE 19 Walden
SE 9 Divide Exp. Sta.	W 90 Lake City	W 72 White Pine
W 107 Dove Creek	NE 38 Loveland	NE 27 Willard
W 33 Eagle	W 74 Lujane	W 12 Willow Cr.
NE 88 Echo Lake	NE 14 Manhattan	SE 22 Yoder





# GROUP VI NORTHEASTERN DIVISION

Less than 5 years record

NE 100	Agate	NE 10	Glendevey	NE 21	Poli
NE 16	Amherst	NE 77	Golden	NE 114	Perry Park
NE 81	Army Hospital	NE 96	Hall's Gulch	NE 4	Finch
NE 72	Avoca	NE 39	Hardin	NE 46	Flatterville
NE 101½	Bailey	NE 94	Hutchison	NE 51	Robb
NE 68	Barker	NE 49	Jamestown	NE 11	Sherwood
NE 42	Brush	NE 103	Jefferson		Ranch
NE 29	Cameron Pass	NE 7½	Kauffman	NE 87	Sill Mine
NE 12	Canadian	NE 17	Keota	NE 121	Spinney
NE 66	Cardinal	NE 35	Kersey	NE 109	Stratton
NE 93	Deertrail	NE 105½	Kiowa	NE 60	Sunnyside
NE 79	Denver Airport	NE 63	Kossler Camp	NE 58	Sunshine
NE 108	Dolly Varden Mine	NE 55	Laird	NE 118	Tarryall
NE 111	Dudley	NE 34	Leslie	NE 69	Vernon
NE 15	Elkhorn	NE 13	Livermore	NE 52	Ward
NE 116	Fairplay	NE 64	Magnolia	NE 80	Watkins
NE 102	Fairview	NE 30	Merino	NE 73	Westlake
NE 18	Fleming	NE 67	Nederland	NE 45	Wiggins
NE 92	Fort Logan	NE 41	Orchard	NE 31	Windsor
NE 95	Glen				

# GROUP VI SOUTHEASTERN DIVISION

Less than 5 years record.

SE 34	Altman	SE 62	Granada	SE 41½	Savage Ranch
SE 63	Amity	SE 67	Greenhorn	SE 78	Scissors
SE 79	Apishapa	SE 57½	Hermit Lake	SE 71	Seguro
SE 20	Aroya	SE 31½	Howbert	SE 30	Strickler
SE 49	Beaver Creek	SE 7	Hugo		Tunnel
SE 83½	Box Ranch	SE 32	Kit Carson	SE 51	Sugar City
SE 89	Campo	SE 68½	Malachite Ranger Sta.	SE 2	Tennessee
SE 73	Delhi	SE 76	Maxey		Pass
SE 57	Eagle Farm	SE 54	McClave	SE 72	Walsenburg
SE 27	Ellicott	SE 6	Oro	SE 90	Watervale
SE 19	First View	SE 8	Palmer Lake	SE 41	Wigwam
SE 47	Florence	SE 14	Peyton	SE 70	Wilde
SE 52	Fort Reynolds	SE 3	River Bend	SE 16	Winfield
SE 38	Fountain	SE 37	Sanborn	SE 21	Woodmen
SE 56	Fowler				Sanatorium



GROUP VI WESTERN DIVISION  
Less than 5 years record.

W 126	Alamosa	W 3½	Greystone	W 17	Parshall
W 55	Alexander Lake	W 44	Gulch	W 30	Piney
W 102	Amethyst	W 34	Gypsum	W 53	Pomona
W 111	Antelope Springs	W 2	Hahn's Peak	W 70	Redlands
W 143	Antonito	W 16	Hot Sulphur Spgs.	W 95	Red Mountain
W 144	Arboles	W 18	Kremmling	W 31	Rifle Falls
W 33½	Avon Exp. Sta.	W 3	Ladore	W 66	Rogers Mesa
W 81	Bedrock	W 100	Lavender	W 117	Russell
W 23	Buford	W 29	Leal	W 138	San Acacia
W 101	Carson	W 115½	Lime Creek	W 108	San Juan
W 142	Conejos	W 46	Lonesome	W 78	Sargents
W 6	Craig	W 20	Lost Creek	W 19	Sulphur Spr
W 45	DeBeque	W 9	Lulu Pass	W 125	Summit
W 11	Dunkley	W 27	McCoy	W 80	Uncompahgre
W 147	Eastdale	W 106	Northdale	W 51	Upper
W 24	Flebbe Ranch	W 91	Ouray		Palisade
W 79	Fort Crawford	W 96	Pandora	W 129	Vallecito
W 42	Fulford	W 77	Paradox	W 83	Villa Grove
W 61	Gothic			W 65½	Waterfall Ranch

Note: Years of record used in making above grouping are those from Column No. 3 of Table II, see note page 14. Errors in above listing are as follows:

- SE- 80 Springfield, Group II instead of III.
- W -127 Blanca, Group V instead of IV.
- SE- 7 Hugo, W-66 Rogers Mesa and W-106 Northdale,  
Group V instead of VI.





TABLE V

## SNOW STAKES IN ELEVATED REGIONS OF COLORADO, 1910-1938

Snow Stake Number	Station	Station Location		Elevation, in Ft.	Period of Record		Mean Snow Depth, Inches		Mean Water Content, Inches		Period of Record		Mean Snow Depth, Inches		Mean Water Content, Inches	
		County	Sec.-Twp. Range		6		7		8		9		10		11	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>FLATTE RIVER BASIN</b>																
<b>NORTH FLATTE RIVER</b>																
28	Illinois	Jackson	11-5N-78W	9,000	1914-18; 1922-29 1931-38	21.95	5.18	1914-38	6.25	1.88						
29	Illinois	Jackson	25-5N-78W	10,000	1914-18; 1920 1922-29; 1932-38	34.48	8.31	1914-30; 1932-38	22.78	6.68						
197	Canadian	Jackson	25-10N-78W	8,200	1914-18	21.80	4.80	1914-15; 1918	4.67	1.74						
198	Pinkham	Jackson	14-11N-79W	8,400	1914-19; 1923-38	16.25	3.69	1913-15; 1918; 21 1923-25; 1927-38	5.85	1.75						
212	Deaver Creek	Jackson	26-8N-82W	8,700	1914-16; 1918-19	22.80	4.82	1913-16	0.77	0.15						
223 (a)	Little Grizzly	Jackson	10-7N-82W	8,550	1914-16; 1918-19	25.20	5.56	1913-17	6.02	1.66						
225 (b)	Little Grizzly	Jackson	29-7N-82W	8,000	1921-28; 1930-34 1936-38	51.25	12.40	1920-21; 1925; 25 1927-38	36.31	10.09						
259	Camp	Jackson	24-12N-79W	8,650	1914-18; 1923-38	26.62	6.47	1914-15; 1918; 21 1925-25; 1927-29 1931-35; 1935-38	18.47	5.74						
<b>LARAMIE RIVER</b>																
193	McIntyre	Larimer	29-10N-76W	8,200	1920; 1922 1924-34; 1936-38	24.12	5.20	1913; 1924-25 1927-38	11.53	5.15						
194	Stub	Larimer	4-9N-76W	8,700	1922; 1924-38	35.75	7.37	1913; 1924-25 1927-38	24.75	6.47						
195 (a)	Stub	Larimer	35-10N-76W	8,300	1920	24.00	5.60	1913	0.00	0.00						
195 (b)	Stub	Larimer	34-10N-76W	8,400	1933-38	16.67	4.20	1934-38	7.80	2.16						
196	Laramie	Larimer	7-8N-75W	8,500	1915; 1920 1924-38	25.06	5.75	1912-13; 1924-25 1927-35; 1937-38	12.27	3.41						
254	Stack	Larimer	14-11N-78W	9,300	1933-38	30.50	6.66	1933-38	24.67	7.27						
255	La Garde	Larimer	11-10N-77W	8,600	1933-38	25.67	5.77	1933-38	16.83	4.39						





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in Ft.	Period of Record	MARCH 31		Period of Record	APRIL 30	
						Mean Snow Depth	Mean Water Content		Mean Snow Depth	Mean Water Content
		County	Sec.-Twp. Range			Inches	Inches		Inches	Inches
1	2	3	4	5	6	7	8	9	10	11
<u>SOUTH PLATTE RIVER</u>										
5	Geneva	Park	19- 6S-74W	9,500	1915;1920-38	7.10	1.46	1914-15;1920-24 1927-38	2.95	0.61
6	North Fork South Platte	Park	12- 7S-74W	8,500	1915-38	3.76	0.69	1914-17;1919-38	1.26	0.20
8	Trout	El Paso	5-12S-68W	8,500	1915-38	7.46	1.94	1914-18;1920-25 1927-38	6.43	1.29
9 (a)	Jackson & Flum	Douglas	36- 8S-69W	8,500	1914-20;1922-24	17.30	3.90	1914-24	7.64	1.54
9 (b)	Jackson & Flum	Douglas	26- 9S-69W	8,500	1925-38	8.00	2.24	1925;1927-38	3.15	0.80
10	Jackson & Flum	Douglas	26- 9S-69W	8,500	1914-20;1922-38	12.00	2.97	1914-18;1921-25 1927-38	4.77	1.11
11	Buffalo	Jefferson	36- 8S-71W	8,000	1914-15;1917-20 1922-38	14.22	2.47	1914-16;1920-38	5.19	1.29
12	Buffalo	Jefferson	4- 9S-71W	8,500	1914-15;1917-20 1922-38	12.91	1.94	1914-16;1920-38	4.36	0.99
13	Jefferson	Park	5- 8S-75W	9,500	1914-38	16.04	3.39	1912-17;1919-25 1927-38	6.84	1.51
14	North Fork South Platte	Park	27- 7S-75W	10,000	1914-38	15.36	3.12	1914-17;1919-25 1927;1929-38	5.91	1.30
18 (a)	Tarryall	Park	15-11S-73W	9,000	1912;14-15;17-19	6.50	1.53	1911-14;16-17;1919	0.00	0.00
18A	Tarryall	Park	15-11S-73W	8,800	1914-15;1917-20	2.83	0.48	1912-14;16-17;1919	0.00	0.00
19	Tarryall	Park	14-11S-72W	8,500	1914-15;1917-20 1922-36;1938	1.74	0.41	1912-14;1916 1920;1922-38	0.36	0.06
20 (a)	Spring	Park	18-14S-72W	9,200	1914-15;1917-20 1922-24	3.44	0.84	1912;14;1916-17 1919-20;1922-24	1.44	0.17
20 (b)	South Platte	Park	5-13S-72W	9,000	1925-38	11.31	2.23	1927-38	1.83	0.36
22	Manchester	Teller	12-12S-70W	8,200	1914-38	13.68	3.73	1914-18;1920-25 1927-32;1934-38	3.68	0.92
23	Trail	Teller	6-12S-70W	8,300	1914-15;1917-38	6.28	1.58	1914-16;1920-38	1.75	0.44
100 (a)	Little South Platte	Park	27-11S-78W	10,000	1914-17;1919-24	7.30	1.43	1914-17;1919-24	4.10	0.81
100 (b)	Little South Platte	Park	27-11S-78W	9,300	1925-38	10.71	2.69	1925;1927-38	0.46	0.12





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Eleva- tion, in Ft.	MARCH 31			APRIL 30		
		County	Sec.-Twp. Range		Period of Record	Mean Snow Depth, Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth, Inches	Mean Water Content Inches
SOUTH PLATTE RIVER (Continued)										
102	Deaver	Park	17- 9S-77W	10,200	1914-17; 1919-38	13.50	3.15	1914-17; 1919-38	2.62	0.56
103	Salt	Park	1-13S-78	9,500	1914; 1916-17 1919-1921-58	12.48	2.65	1914-17; 1919 1921-25; 1927-34 1956-58	2.86	0.44
106	Four Mile	Park	3-10S-78	10,500	1914-17; 1919-38	14.92	3.55	1914-17; 1919-25 1927-31; 1934-58	5.43	1.60
231	Hall Valley	Park	3- 7S-75	9,500	1915-38	16.92	3.46	1914-17; 1919-25 1927-38	5.91	1.35
232	Buffalo	Jefferson	22- 8S-71W	7,200	1914-15; 1917-19 1922-38	7.50	1.58	1914-16; 1920-25 1927-38	1.23	0.21
233 (a)	Tarryall	Park	16- 9S-74	9,000	1914-17; 1919-24	3.80	0.75	1914-17; 1919-24	3.10	0.40
235 (b)	Tarryall	Park	8- 9S-74W	9,000	1925-38	5.57	1.21	1925-38	0.86	0.21
234 (a)	Tarryall	Park	23-10S-75	8,800	1914-15; 1917-20 1922-24	5.22	1.19	1914; 1916-17 1919-20; 1922-24	1.25	0.19
234 (b)	Tarryall	Park	23-10S-75	9,500	1925-38	8.50	1.63	1925-38	1.29	0.27
235	est	Teller	25-11S-70W	8,000	1914-38	3.48	0.89	1914; 1916-18 1920-38	0.98	0.21
240 (a)	Tarryall	Park	20-10S-72	8,500	1914-15; 1917-20 1922-24	3.56	0.77	1914; 1916-17 1919-20; 1922-24	1.25	0.19
240 (b)	Tarryall	Park	22-10S-73	9,500	1925-38	6.36	1.32	1925-38	1.00	0.21
CAGHE LA POUDE RIVER										
191	Elkhorn	Larimer	20- 9N-73W	8,200	1915-19; 1921-38	15.13	3.35	1915-16; 1918-25 1927-38	5.12	1.30
192	Elkhorn	Larimer	7- 9N-73	8,200	1915-38	16.44	3.64	1913-16; 1918-25 1927-38	7.12	1.68
BIG THOMPSON RIVER										
186	Mill Creek	Larimer	2- 4N-74W	9,200	1914-15	28.50	7.10	1914-15	21.00	4.95
187	Fall River	Larimer	11- 5N-74	8,500	1915	2.00	0.30	1913-15	1.33	0.27
190 (a)	Buckhorn	Larimer	17- 7N-72	10,000	1914-17; 1921-24 1958	31.25	5.90	1914-16; 1918 1921-24	39.00	8.40





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Eleva- tion, in Ft.	Period of Record	MARCH 31		APRIL 30	
		County	Sec.-Twp. Range			Mean Snow Depth Inches	Mean Water Content Inches	Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10
BIG THOMPSON RIVER (Continued)									
190 (b)	Buckhorn	Larimer	17- 7N-72W	8,400	1925-29; 1931-38	15.54	2.45	1926-30; 1932-38	5.15
ST. VRAIN RIVER									
168	Deaver	Boulder	23- 2N-73W	9,160	1914-15; 1917-58	37.24	6.85	1919-25; 1927-28 1930; 1932-38	32.76
189	Middle St. Vrain	Boulder	23- 2N-73W	9,160	1914-15; 1917-35 1937-38	29.67	5.58	1919-25; 1927-28 1930-35; 1937-38	18.33
236	Fox Creek	Boulder	27- 3N-73W	9,500	1915-16; 1920	33.67	5.13		
237	Willow Creek	Boulder	27- 3N-73W	9,500	1915; 1917; 1920	42.33	9.03		
238	South St. Vrain	Boulder	2- 1N-73W	10,000	1915; 1917-38	58.52	10.67	1918; 1920-25 1927-28; 1930-38	61.50
BOULDER CREEK									
15	South Boulder	Gilpin	35- 1S-73W	8,600	1914-15; 1917 1919-24; 1926-38	22.45	4.17	1914; 1916-17 1919-25; 1927-38	14.26
17	Middle Boulder	Boulder	16- 1S-73W	8,950	1914-17; 1919-20 1922-38	30.26	5.94	1914; 1920; 1922- 25; 1928; 1930-38	22.25
CLEAR CREEK									
1	Woods	Clear Creek	30- 3S-75W	10,000	1915; 1917-38	48.65	10.09	1920-25; 1927-38	49.06
2	West Clear	Clear "	25- 3S-75W	9,000	1915; 1917-18 1920-38	17.77	3.73	1919-25; 1927-38	10.53
3 (a)	Leavenworth	Clear "	35- 4S-75W	11,000	1914; 1917-31	46.81	9.35	1914; 1919-25 1927-31	40.23
3 (b)	Leavenworth	Clear "	11- 5S-75W	11,600	1932-38	58.28	12.61	1932-38	66.14
4 (a)	Chicago	Clear "	22- 4S-74W	9,300	1914-15; 1917 1920-53	19.35	4.00	1914; 1920-33	12.45
4 (b)	Chicago	Clear "	23- 4S-74W	9,300	1934-38	22.20	5.50	1934-38	6.40
16	Pine	Gilpin	21- 2S-73W	9,858	1915; 1917 1919-24	35.62	6.83	1914; 1917 1919-24; 1927	34.22

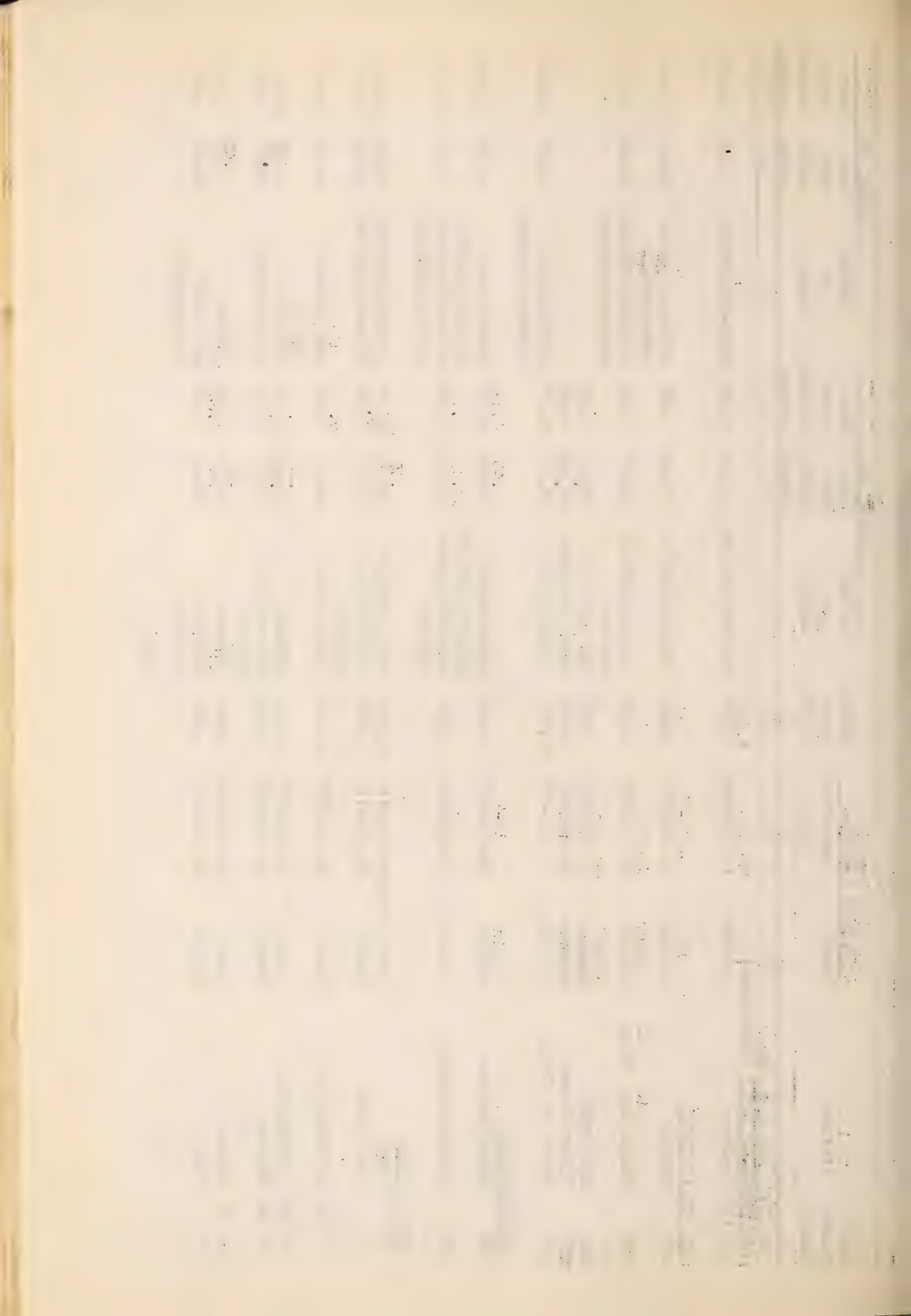




TABLE V (Continued)

Snow Stake Number	Station	County	Station Location Sec.-Twp. Range	Eleva- tion, in Ft.	Period of Record	MARCH 31			APRIL 30		
						Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record
1	2	3	4	5	6	7	8	9	10	11	
DRAKES RIVER BASIN											
DRAKES RIVER											
7 (a)	Monument	El Paso	6-11S-67W	7,800	1914-24	12.55	2.85	1913-18; 1920-25	4.20	1.03	
7 (b)	Monument	El Paso	17-11S-67W	7,700	1925-33	9.36	2.39	1925-38	1.56	0.31	
18 (b)	Four Mile	Teller	31-13S-69W	9,200	1924-38	28.07	5.78	1924-25; 1927-38	11.14	3.26	
21 (a)	Thirty-One Mile	Park	15-15S-74W	9,800	1914-15; 1917 1919-20; 1922	1.83	0.32	1912; 1914; 1917 1919	1.25	0.08	
21 (b)	Four Mile	Teller	31-13S-69W	9,400	1924-38	10.73	2.25	1924-25; 1927-38	3.53	0.99	
24	Cascade	El Paso	28-13S-68W	8,400	1914-17; 1919-20 1922-38	10.09	2.24	1912-16; 1921-23 1924-38	2.95	0.80	
25	Four Mile	Teller	30-13S-69W	10,000	1914-17; 1919-28 1930-38	18.96	4.44	1914-16; 1921-22 1924-25; 1927-38	11.37	3.42	
26	Middle Beaver	Teller	20-15S-68W	9,500	1914-17; 1919-38	5.00	0.62	1914; 1916-17 1921-25; 1927-38	3.95	0.59	
27	East Beaver	Teller	24-15S-68W	10,000	1914-17; 1919-38	5.04	0.65	1912-14; 1916-17 1921-25; 1927-38	3.41	0.55	
95	Seven Mile	Chaffee	15-13S-78W	9,000	1914-22; 1924-38	12.00	2.48	1914-30; 1932-38	3.08	0.50	
96	Lake Fork	Lake	25- 9S-81W	9,850	1914-17; 1919-38	21.42	5.83	1914-17; 1919-38	5.66	1.58	
99	Tennessee Fork	Lake	14- 8S-80W	10,275	1914-17; 1919-21 1923-38	25.91	6.87	1913-17; 1919-25 1927-38	5.12	1.32	
104 (a)	Tennessee Fork	Lake	3- 9S-80W	9,908	1914-17; 1919-22	16.50	5.08	1915; 1915-17 1919-22	1.62	0.29	
104 (b)	Tennessee Fork	Lake	3- 9S-80W	9,908	1923-38	15.56	4.44	1925-38	0.75	0.18	
107 (a)	Lake	Lake	7- 9S-81W	10,900	1914; 1916-17 1919-20; 1924-29	54.45	14.70	1914-17; 1919-25 1927-29	62.76	17.12	
107 (b)	Turquoise Lake	Lake	7- 9S-81W	10,900	1930-38	55.67	12.54	1930-38	11.75	13.97	
108	North Cottonwood	Chaffee	5-14S-79W	9,300	1914-58	20.26	4.54	1914-21; 1923-25 1927-58	5.78	1.02	

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TABLE V (Continued)

Snow Stake Number	Station	Station Location		Eleva- tion, in Ft.	Period of Record	MARCH 31		Period of Record	APRIL 30	
						Mean Snow Depth Inches	Mean Water Content Inches		Mean Snow Depth Inches	Mean Water Content Inches
		County	Sec.-Twp. Range			7	8		10	11
1	2	3	4	5	6	7	8	9	10	11
<u>ARAGUAS RIVER (Continued)</u>										
110	Twin Lakes	Lake	25-11S-8W	9,257	1914; 1916-17 1919-38	11.13	3.02	1914-17; 1919-38	2.08	0.60
111	Maxwell	Chaffee	3-15S-7W	8,800	1914-38	16.85	3.76	1913-25; 1927-38	4.46	0.82
112	Arnold Gulch	Chaffee	32-14S-7W	8,500	1914-38	8.89	1.74	1914-38	1.68	0.31
114 (a)	Twin Lakes	Lake	3-11S-8W	11,000	1915-17; 1919-20 1924-28	46.70	12.51	1915-17; 1919-25 1927-28	45.46	11.85
114 (b)	Turquoise Lake	Lake	9-9S-8W	10,400	1930-38	62.00	14.47	1930-38	58.22	15.16
157	Poncha	Saguache	10-48N-7E	10,000	1914-38	19.40	4.77	1913-22; 1924-38	1.72	0.43
160	Poncha	Saguache	19-48N-7E	10,800	1914-38	39.72	11.04	1914-25; 1927-38	21.67	6.70
161	Poncha	Saguache	16-48N-8E	9,500	1914; 1916-20 1922-38	12.09	2.74	1913-38	0.50	0.10
162 (a)	Bear	Fremont	34-49N-9E	8,400	1914-20	5.14	0.93	1914-21	3.62	0.72
162 (b)	Poncha	Chaffee	16-49N-8E	7,600	1923-38	1.32	0.27	1925-38	0.00	0.00
164	Grape	Custer	5-25S-75W	9,000	1914-21; 1925 1925; 1927-38	24.23	5.64	1914-16; 1916-21 1925-25; 1927-38	11.45	2.55
165	St. Charles	Pueblo	7-24S-68W	8,700	1914-26; 1928-38	20.56	4.29	1913-25; 1927-38	11.12	2.42
166	Hardscrabble	Custer	19-22S-69W	8,800	1914-38	12.27	2.51	1915-25; 1927-38	5.88	0.79
167	Cucharas	Huerfano	35-30S-69W	8,300	1914-38	11.00	2.61	1913-19; 1921-38	1.44	0.24
168	Huerfano	Huerfano	17-27S-71W	9,000	1914-18; 1920-24 1926-38	18.75	4.25	1914-25; 1927-38	12.50	5.45
169	Grape	Custer	5-25S-75W	9,000	1910; 1913-21; 25 1925; 1927-38	20.62	4.83	1912-16; 1918-21 1923-25; 1927-38	8.83	1.90
170	Cucharas	Huerfano	35-30S-69W	8,300	1913-19; 1921-38	4.48	0.96	1912-19; 1921-38	0.77	0.14
<u>RIO GRANDE BASIN</u>										
<u>RIO GRANDE</u>										
144	Saguache	Saguache	22-46N-4E	9,600	1910; 1915-18 1920-38	10.71	5.03	1913-14; 1916-25 1927-38	1.71	0.51
145	Saguache	Saguache	20-45N-5E	8,500	1913; 1915-38	0.68	0.16	1912-14; 1915-38	0.38	0.11
146	Carnero	Saguache	36-43N-4E	11,000	1914-38	19.08	5.44	1914-25; 1927-38	7.92	2.25





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Eleva- tion, in Ft.	MARCH 31		APRIL 30			
					Period of Record		Period of Record			
		County	Sec.-Twp. Range		Mean Snow Depth Inches	Mean Water Content Inches	Mean Snow Depth Inches	Mean Water Content Inches		
					3	4	5	6	7	8
(Continued)										
APRIL 30										
MARCH 31										
APRIL 30										
148	RIO GRANDE Carnero	Saguache	9-43N-5E	10,000	1914-38	16.76	4.63	1913-25; 1927-38	5.32	1.59
149	See 149A									
149A	Spanish	Saguache	6-45N-4E	9,700	1911; 1915-16 1918-28; 1930-38	9.13	2.47	1912-14; 1916-20 1922-23; 1925-38	1.83	0.53
152	Kerber	Saguache	23-47N-7E	9,500	1914-17; 1919-38	17.12	3.90	1914-19; 1921-25 1927-38	6.65	1.63
153	Alder	Saguache	34-48N-8E	9,000	1914-38	7.04	1.72	1913-16; 1918-19 1921-38	0.25	0.05
163 (a)	Major	Saguache	10-45N-11E	10,000	1914-23	25.70	6.24	1914-23	23.00	5.91
163 (b)	North Crestone	Saguache	28-44N-12E	10,000	1924; 1926-38	24.21	5.27	1925; 1927-38	7.36	1.47
171	Rock	Rio Grande	23-37N-5E	10,100	1914-31	23.89	7.34	1914-31	4.47	1.41
172	Dry	Mineral	28-42N-1E	8,850	1914-15; 1918 1920-24	9.78	2.56	1912-24	1.62	0.42
173 (a)	Rio Grande	Mineral	28-41N-1W	9,100	1914-15; 1917-24	20.00	5.22	1913-24	6.67	1.73
173 (b)	Spring	Mineral	9-41N-2W	9,500	1925-38	9.21	2.40	1925-38	0.21	0.04
174	Alder	Rio Grande	32-41N-3E	9,600	1910; 1912-19 1921-38	15.44	3.30	1913-17; 1921-25 1927-30; 1932-38	3.24	0.79
175 (a)	Alamosa	Conejos	17-36N-4E	10,200	1914-30	29.76	9.06	1913-25; 1927-30	7.59	2.80
175 (b)	Cat	Rio Grande	25-37N-5E	10,300	1931-38	34.38	8.52	1931-38	11.00	3.64
176	Willow	Rio Grande	36-39N-3½E	11,100	1914-38	43.12	10.84	1914-25; 1927-38	36.54	10.65
177	Rio Grande	Hinsdale	13-40N-4W	9,600	1914-15; 1918 1920-38	16.26	4.11	1913-38	1.46	0.44
178 (a)	Alamosa	Conejos	1-36N-5E	8,750	1914-17; 1919 1921-24	10.56	3.27	1914-17; 1920-24	4.22	0.82
178 (b)	Alamosa	Conejos	11-36N-5E	9,500	1925-38	20.21	6.54	1925-38	0.00	0.00
179	Conejos	Conejos	5-35N-6E	8,800	1914-18; 1920-38	23.71	6.19	1913-38	2.88	0.86
180	Los Pinos	Conejos	4-32N-5E	9,700	1914-16; 1918-19 1922-23	52.43	12.63	1912; 1914-15 1920; 1922-23	20.00	8.73
181	Conejos	Conejos	25-35N-6E	8,600	1914-18; 1920-38	19.75	5.24	1913-38	1.15	0.34
182 (a)	Rio Grande	Mineral	28-41N-1W	9,100	1914-15; 1917-24	23.20	6.20	1913-24	11.17	3.17
182 (b)	Crooked	Hinsdale	27-41N-3W	9,400	1925-38	13.64	3.61	1925-38	4.29	0.66
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TABLE V (Continued)

Snow Stake Number	Station	County	Station Location Sec.-Twp. Range	Eleva- tion, in ft.	Period of Record	MARCH 31			APRIL 30		
						Mean Snow Depth, in Inches	Mean Water Content, in Inches	Period of Record	Mean Snow Depth, in Inches	Mean Water Content, in Inches	Period of Record
1	2	3	4	5	6	7	8	9	10	11	
SAN JUAN RIVER BASIN											
125	La Plata	La Plata	33-36N-11W	8,600	1915-28; 1930-38	23.44	6.37	1912-22; 1924-27; 1929-38	1.54	0.34	
126	Animas	La Plata	26-36N-9W	8,000	1914-38	12.22	3.42	1912-38	0.15	0.03	
127	La Plata	La Plata	9-36N-11W	9,200	1914-38	31.96	7.41	1912-22; 1924-27; 1929-38	8.25	2.32	
128	Vallecito	La Plata	8-36N-6W	7,626	1910; 1914-38	14.12	4.18	1912-38	0.30	0.05	
129	Pine	La Plata	2-36N-6W	7,756	1910; 14; 1916-38	19.96	5.99	1912-14; 1916-38	0.42	0.07	
130	Pine	La Plata	27-35N-6W	7,500	1910-11; 1914-38	7.56	2.39	1912-38	0.04	0.01	
131	Pine	La Plata	5-35N-6W	7,600	1914-38	14.50	4.41	1912-38	0.41	0.10	
132	Animas	La Plata	25-37N-9W	7,200	1912-38	1.48	0.45	1912-19; 1921-22-24-38	0.00	0.00	
133	Elbert	La Plata	12-37N-9W	7,500	1913-38	6.50	1.71	1912-19; 1921-22-24-38	0.08	0.03	
134	Elbert	La Plata	56-38N-9W	8,100	1914-38	18.04	4.39	1912-19; 1921-22-24-38	0.32	0.12	
135	San Juan	Archuleta	33-36N-1W	7,300	1915-22; 1924-38	6.00	1.88	1912-38	0.00	0.00	
136	Stollsteimer	Archuleta	26-36N-2W	7,750	1910; 1915-20-22-38	17.00	4.69	1912-38	0.11	0.03	
137	Piedra	Hinsdale	22-37N-5W	8,400	1915-24	17.30	4.41	1912-24	0.62	0.18	
138	Sheep Cabin	Archuleta	35-35N-1E	8,000	1915-38	13.04	4.20	1912-38	0.63	0.10	
139	Stollsteimer	Archuleta	25-36N-2W	7,750	1915-38	14.67	4.07	1912-38	0.11	0.03	
140	Piedra	Archuleta	8-34N-4W	6,540	1910-12; 1915-38	6.07	2.11	1912-38	0.04	0.01	
141	Squaw	Archuleta	32-35N-5W	7,540	1915-38	4.67	1.39	1913-38	0.08	0.01	
142	(a) Navajo	Archuleta	24-33N-2E	8,200	1914-17; 1920-21	18.17	4.97	1913-18; 1921	4.00	1.20	
142	(b) Rio Blanco	Archuleta	20-35N-2E	8,500	1922-38	26.12	7.53	1922-38	1.76	0.41	
143	(a) Little Navajo	Archuleta	18-33N-2E	8,900	1915-17; 1920-21	16.40	4.68	1913-18; 1920-21	14.39	3.19	
143	(b) Little Blanco	Archuleta	19-35N-1E	8,332	1922-38	21.65	6.55	1922-38	0.94	0.12	
199	Mancos	Montezuma	26-36N-13W	7,252	1910; 1914-28-30-38	1.12	0.37	1914-15; 1917-38	0.17	0.01	
200	Mancos	Montezuma	7-36N-12W	8,000	1914-28; 1930-38-163-	7.79	2.60	1914-15; 1917-1919-38	0.74	0.14	





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in Ft.	Period of Record	JANU 31		Period of Record	APRIL 30	
		County	Sec.-Twp. Range			Mean Snow Depth Inches	Mean Water Content Inches		Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
SAN JUAN RIVER (Continued)										
251	Snow Ball	Archuleta	5-36N-1W	8,500	1932-38	21.71	6.65	1932-38	0.29	0.06
252	Williams	Hinsdale	18-38N-3W	9,000	1932-38	55.86	8.19	1932-38	4.86	1.16
253	Hoflin	La Plata	25-36N-9W	9,400	1933-38	28.50	8.88	1933-38	5.00	1.12
COLORADO RIVER BASIN										
COLORADO RIVER ABOVE GRAND JUNCTION										
30 (a)	Trail	Grand	2-3N-7W	9,000	1914-19	42.60	7.62	1914-18	22.80	5.80
30 (b)	Supply	Grand	20-4N-7E	9,000	1921-38	49.11	10.79	1920-25; 1927-38	56.17	8.98
31	Supply	Grand	21-4N-7E	10,000	1914-18; 1921-38	58.13	11.88	1914-18; 1920-25; 1927-38	47.96	12.03
32	Williams Fork	Grand	3-2S-78W	8,500	1914-17; 1922-38	24.86	5.78	1913-17; 1920-38	7.96	2.29
33 (a)	Williams Fork	Grand	8-3S-7W	8,500	1914-17; 1919; 1921-24	29.67	7.03	1915-17; 1919-24	12.55	5.34
33 (b)	Williams Fork	Grand	7-3S-7W	8,500	1925-38	33.07	7.47	1925-29; 1951-56; 1938	18.42	5.40
34	Fraser	Grand	10-2S-75W	9,013	1915-25; 1927-38	27.35	6.52	1914-25; 1925; 1928-38	13.23	4.03
35	Fraser	Grand	11-2S-75W	9,500	1915-38	42.17	9.54	1914-25; 1927-38	29.42	8.68
38	Egeria	Routt	12-1N-86W	9,200	1914-38	36.32	8.90	1914-15; 1917-27; 1929-38	18.83	5.65
43	West Elk	Garfield	6-4S-91W	8,975	1914-19; 1921-27; 1929-38	39.04	10.72	1914-19; 1921-25; 1927; 1929-38	21.77	7.08
44	East Elk	Garfield	20-4S-90W	8,000	1914-18; 1921-27; 1929-38	25.64	7.08	1914-19; 1921-27; 1929-38	5.59	1.62
50	No Name	Garfield	32-5S-86W	6,300	1914-20; 1922; 1924-38	6.13	1.73	1912-17; 1919-38	0.06	0.01
51	Grizzly	Garfield	5-5S-88W	5,800	1912; 1914-19; 1921-22; 1924-38	0.58	0.13	1912-17; 1919-38	0.08	0.01
52	Beale	Beale	4-7S-80W	9,175	1914-26; 1928-38	28.42	6.44	1913-17; 1919-22; 1924-25; 1927-38	12.04	3.37





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in ft.	MARCH 31			APRIL 30		
		County	Sec.-Twp. Range		Period of Record	Mean		Period of Record	Mean	
						Snow Depth Inches	Water Content Inches		Snow Depth Inches	Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
COLORADO RIVER ABOVE GRAND JUNCTION (Continued)										
53	Elk	Eagle	10- 7S-80	9,400	1914-38	39.92	8.50	1913-17; 1919-22 1924-25; 1927-38	15.70	4.32
54	Willow	Eagle	8- 6S-80	9,400	1914-19; 1921-38	55.42	10.45	1914-17; 1919; 1921-44.52 22; 1924-25; 1927-38	44.52	10.65
55	Hearyman	Eagle	24- 6S-80	9,800	1914-19; 1921-38	36.50	6.69	1914-17; 1919; 1921-25.29 22; 1924-25; 1927-38	25.29	5.84
56	Eagle	Eagle	13- 5S-82	8,200	1914-21; 1923-56 1938	22.43	4.75	1913-21; 1923 1925-58	3.86	0.86
57	Brush	Eagle	1- 6S-84	7,500	1914-15; 1917-38	8.33	1.85	1914-17; 1919-38	0.50	0.10
58	Libby	Eagle	31- 3S-84	8,000	1911; 1914-15 1917-38	22.48	5.54	1914-38	5.04	1.28
59	Sheephorn	Eagle	23- 2S-82	8,300	1914-16; 1919-26	28.00	6.09	1914-16; 1920-25	14.00	4.11
60 (a)	Sheephorn	Eagle	14- 2S-82	8,000	1914-16	17.00	3.90	1914-16	5.67	2.10
60 (b)	Sheephorn	Eagle	21- 2S-81	8,300	1918-19; 1921-26 1932-38	21.60	4.70	1920-26; 1933-38	6.77	1.80
61	Grouse	Eagle	34- 5S-81	8,600	1914-21; 1923-38	56.67	7.77	1913-21; 1923 1925-38	10.86	2.53
*55	Divide	Mesa	4- 9S-91	8,000	1910; 1914-37	15.00	4.55	1913-16; 1918-37	3.17	0.79
**64	Divide	Mesa	8- 9S-91	9,000	1914-37	30.04	7.92	1913-16; 1918-37	9.17	2.75
66	Mesa	Mesa	22-11S-96	8,000	1910; 1914-35 1937-58	37.12	8.52	1913-35; 1937-38	13.28	3.33
67	Mesa	Mesa	34-11S-96	10,000	1914-38	62.68	14.57	1914-38	49.00	12.09
70	Big	Mesa	31-10S-94	8,500	1914-38	35.04	8.05	1913-38	11.19	2.56
71	Big	Mesa	4-11S-94	9,200	1914-38	49.36	11.92	1914-25; 1927-38	53.71	8.54
84	Capital	Pitkin	25- 9S-87	8,500	1914-19; 1921-38	26.54	6.52	1914-19; 1921-30 1932-38	4.87	1.27
85	Frying Pan	Pitkin	28- 8S-87	8,440	1914-20; 1922-27 1929-38	27.26	6.28	1913-19; 1922-38	4.50	1.48
86	Crystal	Pitkin	23- 8S-89	9,200	1913-38	15.27	4.24	1914-38	0.92	0.27
87	Crystal	Pitkin	21- 9S-88	6,400	1913-38	6.04	1.57	1912; 1914-38	0.00	0.00
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Table with multiple columns of text, likely a ledger or record book. The text is extremely faded and illegible.

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TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in ft.	Period of Record		Mean Snow Depth, Inches		Mean Water Content, Inches		Period of Record		Mean Snow Depth, Inches		Mean Water Content, Inches	
		County	Sec.-Twp. Range		3	4	5	6	7	8	9	10	11			
COLORADO RIVER ABOVE GRAND JUNCTION (Continued)																
88	Crystal	Gunnison	1-12S-87	9,300	1914-38		59.84	15.62	1914-25; 1927-38	43.96	12.37					
89	Crystal	Gunnison	20-11S-87	9,000	1910; 1914		53.68	14.30	1914-25; 1930-38	36.67	10.08					
90	Crystal	Gunnison	26-11S-88	8,000	1916-26; 1930-38		23.36	5.88	1914-38	5.64	1.59					
91	Woody	Fitkin	15-9S-85	7,800	1910-11; 1913-19		3.50	0.72	1912; 1914-19	0.00	0.00					
92	Woody	Fitkin	19-9S-84	8,000	1921-38		17.85	3.18	1921-26; 1928-38	0.52	0.16					
93	Roaring Fork	Fitkin	16-10S-84	10,000	1910-11; 1914-19		47.29	9.43	1912; 1914-19	25.42	6.37					
93A	Roaring Fork	Fitkin	17-10S-84	10,000	1921-38		46.46	9.21	1914-19; 1921-38	23.91	5.92					
94	Roaring Fork	Fitkin	12-10S-85	7,900	1914-19; 1921-38		10.52	2.52	1914-19; 1921-38	0.00	0.00					
97	Brush	Summit	15-2S-79	8,500	1910-11; 1913-19		27.00	6.67	1912; 1914-19	7.96	2.16					
98 (a)	Blue	Summit	12-5S-78	9,000	1914-38		18.14	5.85	1913-25; 1927-38	7.50	2.64					
98 (b)	Blue	Summit	30-5S-77	9,100	1914-20		25.67	8.19	1913-20	9.77	3.00					
101 (a)	Snake	Summit	26-5S-76	10,000	1921-38		54.67	8.70	1921-38	26.77	7.56					
101 (b)	Snake	Summit	19-5S-76	10,000	1915-20		27.06	7.21	1914-20	8.45	2.88					
105	Rock	Summit	4-4S-78	8,700	1921-38		22.00	5.32	1921-38	6.67	1.77					
109	Ten Mile	Summit	35-5S-78	9,000	1914-38		18.00	4.80	1913-25; 1927-38	9.00	2.70					
113	West Ten Mile	Summit	30-6S-78	10,500	1914-15		33.56	8.24	1914-15	19.79	5.89					
229	Castle	Fitkin	35-10S-85	9,000	1914-38		33.54	8.02	1914-25; 1927-38	19.79	5.89					
230	Baroon	Fitkin	22-10S-85	8,500	1914-19; 1921-38		38.54	8.02	1914-19; 1921-38	9.83	2.22					
246	St. Louis	Grand	3-2S-76	9,000	1914-19; 1921-38		41.33	8.57	1914-19; 1921-38	12.71	2.77					
247	St. Louis	Grand	9-2S-76	9,500	1915-38		45.12	10.59	1915-25; 1927-38	26.52	6.61					
248	Ten Mile	Summit	28-7S-79	11,000	1915-38		45.33	10.49	1915-25; 1927-38	29.00	9.09					
249	West Ten Mile	Summit	29-6S-79	10,900	1925-38		51.21	12.11	1924-25; 1927-38	58.07	10.29					
		Summit			1920; 1925-38		72.15	16.00	1924-25; 1927-29	58.67	16.75					
250	Snake	Summit	16-5S-75	11,000	1931-38		67.21	15.54	1931-38	55.79	15.35					
		Summit			1925-38				1924-25; 1927-38							





TABLE V (Continued)

Stn. Number	Station	Station Location		Elevation, in Ft.	Period of Record	Mean Snow Depth, Inches		Mean Water Content, Inches	Period of Record	Mean Snow Depth, Inches		Mean Water Content, Inches
		County	Sec.-Twp. Range			5	4			3	2	
1	2	5	4	5	6	7	8	9	10	11		
CUMMISSET RIVER												
62 (a)	West Buddy	Delta	11-113-91	8,350	1914-24	52.55	6.54	1914-17; 1919-24	11.00	5.27		
62 (b)	West Buddy	Delta	11-113-91	8,400	1925-38	51.93	9.02	1925-38	5.00	1.91		
65	Hobbs	Delta	5-113-91	8,650	1914-34; 1935-38	54.50	9.53	1914-34; 1935-38	8.38	5.05		
68	Riser	Delta	7-123-94	9,000	1910; 1914-38	64.50	14.31	1914-25; 1927-38	53.04	14.02		
69	Card	Delta	2-123-95	9,650	1914-58	84.52	19.00	1914-25; 1927-38	69.53	18.31		
72 (a)	Surface	Delta	13-123-94	8,600	1914-20	53.86	10.69	1915-20	40.42	10.42		
72 (b)	Kiser	Delta	18-123-94	8,500	1921-58	38.72	9.20	1921-58	17.55	4.87		
75 (a)	Surface	Delta	14-123-94	8,500	1914-24	45.45	6.32	1915-24	29.75	7.02		
75 (b)	Kiser	Delta	18-123-94	8,600	1925-38	46.38	13.55	1925; 1927-38	24.85	8.97		
74	Uncompahgre	Ouray	31-44E-7	7,806	1914-17; 1920-38	6.92	1.28	1912-13; 1915; 1917-38	2.48	0.26		
75	Uncompahgre	Ouray	13-42N-8	11,000	1914-17; 1920-38	73.39	12.45	1915; 1917-25	64.32	12.30		
76	Uncompahgre	Ouray	22-43N-7	10,500	1914-17; 1920-38	65.55	11.19	1915; 1917-25	49.91	9.23		
77	Uncompahgre	Ouray	22-43N-8	10,000	1915-17; 1920-38	65.14	11.37	1915; 1917-25	54.81	10.28		
78	Uncompahgre	Ouray	23-45N-9	7,500	1914-17; 1920-38	2.44	0.50	1927-38; 1932-38	0.85	0.02		
79	Uncompahgre	Ouray	23-46N-7	8,500	1915-20; 1922-38	55.65	6.41	1912-13; 1915; 1917-38	19.50	4.72		
80	Uncompahgre	Ouray	5-46N-10	9,000	1914-20; 1923-38	39.61	10.95	1927-38	19.60	6.06		
81	Roubideau	Montrose	22-48N-12	8,600	1914; 1916; 1919	52.44	8.37	1914-18; 1920	9.50	2.20		
82	North Penon	Hinsdale	12-43N-6	9,700	1914-20; 1922-25	23.83	6.46	1925-28	4.53	1.28		
83	Narrow Grade	Gunnison	3-45N-4	9,000	1914-13; 1917-38	19.35	4.78	1924-25; 1927-38	1.73	0.42		





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in Ft.	JAN 51			APRIL 30		
					Period of Record			Period of Record		
		County	Sec.-Twp. Range		Inches	Mean Snow Depth	Mean Water Content Inches	Inches	Mean Snow Depth	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
CUTLUM RIVER (Continued)										
115	Minnesota	Gunnison	52-138-90N	7,000	1910; 1914-27 1929-38	18.60	5.53	1914-16; 1918-38	5.28	1.55
116	Minnesota	Gunnison	6-148-90N	6,500	1911; 1914-27 1929-38	3.12	0.82	1912; 1914-16 1918-38	0.00	0.00
117	Crystal	Gunnison	25-50N-6E	8,600	1914-19; 1921-27 1929-37	21.56	5.71	1914-19; 1921-22 1924-27; 1929-38	2.45	0.76
118	Crystal	Gunnison	23-50N-5E	8,600	1914-19; 1921-27 1929-37	24.04	6.22	1914-19; 1921-22 1924-27; 1929-38	4.84	1.60
119	Willow	Gunnison	7-158-81N	10,400	1914-15	16.00	4.55	1914	21.00	6.10
120	Taylor	Gunnison	28-128-83N	10,200	1914	30.00	7.20	1914	20.00	7.00
121	Soap	Gunnison	19-49N-4E	8,900	1914-15; 1917-20 1922-27; 1929-35 1937-38	28.20	6.85	1915-18; 1920 1922-38	2.05	1.15
122 (a)	West Elk	Gunnison	11-49N-4E	7,700	1911-12; 1914-15 1917; 1919-24	13.03	3.26	1912; 1915-20 1922-24	1.70	0.50
122 (b)	Soap	Gunnison	22-50N-4E	8,500	1925-35; 1937-38	37.08	9.52	1925-38	3.55	1.25
123 (a)	Cement	Gunnison	23-148-85N	8,550	1914-15; 1917 1919-21; 1923-24	26.50	6.25	1914-15; 1917 1919-22; 1924	5.25	2.40
123 (b)	Clute	Gunnison	23-138-86N	9,000	1925-35; 1937-38	44.59	11.65	1925; 1927-38	27.67	9.01
124 (a)	Cement	Gunnison	13-143-85N	8,850	1914-15; 1917; 19- 1921; 1923-24	26.68	6.67	1915-15; 1917 1919-22; 1924	7.56	2.24
124 (b)	Washington Gulch	Gunnison	28-138-86N	9,500	1926-38	45.00	12.19	1925; 1927-38	18.31	6.24
147	Tomichi	Saguache	34-48N-5E	8,500	1914-58	15.52	4.12	1914-16; 1920-26 1928-38	1.48	0.50
150	Tomichi	Saguache	34-48N-5E	9,000	1916-17; 1919-58	17.17	4.45	1914-17; 1920-58	2.85	0.94
151	Tomichi	Saguache	5-47N-6E	9,500	1910; 1914-20 1922-58	22.76	5.68	1914-16; 1920-58	4.46	1.41
154	Tomichi	Saguache	53-48N-6E	10,000	1914-38	32.44	7.71	1914-38	7.72	2.47
155	Los Finos	Saguache	12-45N-1E	9,500	1914-17; 1920-51 1932-58	17.36	4.25	1913-17; 1920-58	5.29	1.43





TABLE V (Continued)

Snow Stake Number	Station	Station Location		Eleva- tion, in Ft.	Period of Record	APRIL 31		Period of Record	APRIL 30	
		County	Sec.-Twp. Range			Mean Snow Depth Inches	Mean Water Content Inches		Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
<u>GUNNISON RIVER (Continued)</u>										
156	Marshall	Saguache	1-47N-6E	10,900	1914-38	49.92	14.11	1914-25; 1927-38	36.00	11.65
158	Los Pinos	Saguache	35-46N-1E	9,000	1914-17; 1920 1922-31; 1933-38	4.57	1.21	1912-18; 1920-38	0.77	0.18
159	Los Pinos	Saguache	4-45N-1E	9,000	1914-17; 1920-31 1933-38	15.16	5.29	1913-17; 1919-25 1927-38	1.38	0.42
183 (a)	Monitor	Montrose	10-49N-15W	7,200	1914; 1917-19 1923-24	8.17	1.89	1912; 1916-21 1924	1.50	0.14
183 (b)	East	Mesa	6-15S-100E	8,000	1925-38	8.71	3.58	1926-38	0.07	0.03
184	Dominquez	Mesa	18-51N-16W	8,500	1914-17; 1924	36.00	5.78	1913-17	7.00	1.98
228	Lake Fork	Gunnison	2-45N-4E	8,320	1915-17; 1920-25 1927-38	6.67	1.71	1913-16; 1919-23 1924-38	0.00	0.00
243	Quartz	Gunnison	3-50N-4E	9,450	1915-23; 1925-27 1930-38	19.00	4.65	1915-38	1.42	0.52
244	Quartz	Gunnison	6-50N-4E	9,500	1915-23; 1925-28 1930-38	22.00	5.54	1915-38	6.56	2.00
245	Quartz	Gunnison	20-50N-4E	9,000	1915-23; 1925-28 1930-38	23.55	6.75	1915-26; 1928-38	4.61	1.57
<u>DOLORES RIVER</u>										
185	Cottonwood	Montrose	11-46N-15W	7,600	1914-17; 1919-20 1922-34; 1936-38	15.52	3.62	1915-17; 1920 1925; 1927-38	0.84	0.19
201	Dolores	Montezuma	19-39N-16E	7,900	1914-30; 1933-38	8.61	2.61	1913-18; 1920-30 1933-38	0.22	0.03
202 (a)	Dolores	Montezuma	5-37N-15W	7,250	1910-11; 1914-16 1919-24	2.09	0.46	1912-24	0.97	0.01
202 (b)	House	Montezuma	35-38N-15E	7,700	1925-38	21.29	8.16	1925-38	0.77	0.08
203	Disappointment	Dolores	15-41N-16E	8,000	1914-19; 1921-38	17.21	4.95	1910-19; 1921-38	0.57	0.09
204 (a)	Disappointment	San Miguel	6-42N-16W	6,000	1910-24	0.20	0.02	1910-25	0.00	0.00
204 (b)	Doe Canyon	Dolores	13-40N-17W	8,000	1924-38 1910-11	24.00	7.73	1924-38 1910	1.07	0.11

1891	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	12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TABLE V (Continued)

Snow Stake Number	Station	Station Location		Elevation, in ft.	Period of Record		Mean Snow Depth, Inches		Period of Record		Mean Snow Depth, Inches		Water Content
		County	Sec.-Twp. Range		6	7	8	9	10	11			
DOLORES RIVER (Continued)													
206	Dolores	Dolores	35-41N-10E	9,300	1914-18; 1920-58	48.96	15.24	1913-25; 1927-38	29.28	9.71			
207 (a)	Beaver	San Miguel	6-44N-12E	7,300	1914-15; 1918	1.09	0.28	1915; 1917-21	0.40	0.03			
					1921-28			1924-26; 1928					
207 (b)	Deaver	San Miguel	5-42N-12E	9,000	1929-38	35.60	9.68	1929-38	13.40	2.98			
208 (a)	Turkey	San Miguel	27-42N-9E	11,000	1916-20	40.60	8.64	1916-20	36.00	8.26			
208 (b)	San Miguel	San Miguel	22-42N-9E	11,000	1921-29; 1951-38	76.35	17.65	1921-25; 1927-38	50.88	14.52			
209	San Miguel	San Miguel	26-42N-10E	9,500	1916-17; 1919-29	49.00	11.58	1916-23; 1925	35.19	8.55			
					1931-38			1927-38					
210 (a)	Turkey	San Miguel	27-42N-9E	11,000	1914; 1916-20	42.84	8.55	1914; 1916-20	39.67	8.85			
210 (b)	San Miguel	San Miguel	22-42N-9E	11,000	1921-29; 1931-38	81.18	18.09	1921-25; 1927-33	55.50	15.85			
								1935-38					
241	Dolores	Dolores	34-40N-11E	10,500	1915-18; 1920-38	59.65	14.69	1915-25; 1927-38	42.96	11.86			
242	Dolores	Dolores	24-40N-11E	10,800	1915-18; 1920-38	53.39	15.46	1915-25; 1927-38	35.22	10.93			
GRAND RIVER & SL. VALLEY RIVER													
39 (a)	Deer	Routt	6- 1N-8E	8,500	1914-24	25.45	5.54	1914-15; 1917	12.89	4.01			
								1919-24					
39 (b)	Bear	Routt	1- 1N-8E	8,500	1925-33	28.57	7.91	1925-27; 1929-38	6.00	2.31			
41 (a)	Fish	Routt	9- 5N-8E	7,800	1915-17; 1919-24	43.31	11.53	1914-17; 1919-24	34.47	10.24			
					1926-32			1927; 1929-32					
41 (b)	Punker	Rio Blanco	32- 3N-8E	8,500	1933-38	19.85	6.54	1933-38	0.50	0.07			
42 (a)	Williams	Routt	26- 4N-8E	8,800	1914-24	17.82	4.90	1912-17; 1919-24	3.33	0.85			
42 (b)	Willow	Routt	20- 4N-8E	7,000	1925-58	16.15	4.87	1925-27; 1929-33	0.00	0.00			
211	Spring	Routt	26- 7N-84E	8,300	1914-17; 1921-58	55.14	14.39	1913-17; 1921-25	35.18	9.92			
								1927-38					
215	Soda	Routt	8- 7N-84E	7,800	1914-17	10.25	2.40	1912-17	0.00	0.00			
214	Greenville Creek	Routt	34- 9N-85E	7,900	1914-19; 1925-31	20.15	5.35	1915-17; 1924-31	4.00	1.31			
215	North Fork Elkhead	Routt	35- 9N-88E	7,200	1915-16; 1925-26	19.50	4.76	1913-17; 1930-31	0.45	0.15			
					1930-31								





TABLE V (Continued)

Snow Stake Number	Station	County	Station Location Sec.-Twp. Range	Elevation, in Ft.	Period of Record	MARCH 31			APRIL 30		
						Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record
1	2	3	4	5	6	7	8	9	10	11	
YALTA RIVER (Continued)											
216	Fortification Creek Moffat		30-10N-90W	7,000	1911-1914-16; 18 1926-28; 1930-32	12.91	3.95	1912-16; 1924 1927; 1929-32	5.64	1.06	
217 (a) Elkhead	Routt		7- 9N-85W	8,500	1914; 1916	64.00	14.55	1914; 1916	49.50	15.50	
217 (b) Little Deer	Moffat		24- 9N-89W	8,500	1921-28; 1930-32	46.71	10.63	1922-25; 1927-34 1936-38	28.67	7.31	
218 (a) Slater	Moffat		33-11N-89W	8,600	1914-15; 1918 1923-28; 1930-31	33.55	7.98	1914-15; 1923-25 1927-31	20.60	5.37	
218 (b) Slater	Routt		8-10N-88W	8,000	1932-38	50.14	6.57	1932-38	11.71	2.85	
219 Four Mile	Moffat		3-10N-90W	7,500	1914-18	22.60	6.22	1915-15; 1917	0.00	0.00	
220 Wheeler	Routt		21- 2N-84W	9,400	1914-21; 1923-38	54.04	15.70	1913; 1915; 1917-18 1924-25; 1927-38	35.76	10.18	
221 Morrison	Routt		27- 3N-84W	8,000	1914-20; 1922-38	27.83	7.72	1915-18; 1924-29 1931-38	5.60	1.65	
222 Wheeler	Routt		16- 2N-84W	9,350	1914-21; 1923-38	46.42	11.88	1914-18; 1924-25 1927-33; 1935-38	35.22	11.66	
224 Willow	Moffat		31-11N-89W	8,000				1915-15	0.67	0.23	
225 Independence	Routt		6-10N-85W	8,698	1914-17; 1919-24 1926-38	40.39	12.02	1914-25; 1927-38	31.12	10.19	
226 Willow	Routt		20-10N-85W	8,200	1914-19; 1921 1923-24; 1926-38	35.14	9.59	1914-17; 1920-38	9.39	3.00	
227 (a) Birch	Routt		2- 7N-85W	7,000	1914-17	21.00	4.30	1913-16	0.00	0.00	
227 (b) Birch	Routt		6- 8N-84W	8,300	1922-38	54.47	13.34	1921-25; 1927-38	25.18	7.74	
36 (a) Hunt	Rio Blanco		8- 2N-86W	9,200	1914-17; 1919-32	46.11	12.42	1914-15; 1917 1920-25; 1927 1929; 1931-52	30.62	8.86	
36 (b) South Fork Williams	Rio Blanco		22- 3N-88W	7,650	1933-38	17.33	5.39	1933-38	0.00	0.00	





TABLE V (Continued)

Snow Strike Number	Station	Station Location		Eleva- tion, in Ft.	Period of Record	Mean Snow Depth Inches		Period of Record	Mean Snow Depth Inches		Mean Water Content Inches
		County	Sec.-Twp. Range			7	8		9	10	
1	2	3	4	5	6	7	8	9	10	11	
YALPA RIVER (Continued)											
37	Oak Creek	Rio Blanco	36- 5N-87E	9,100	1915-16; 1920-38	57.24	16.84	1915; 1920-25 1929-30; 1932-33 1933-38	42.47	12.87	
40	South Fork Williams	Rio Blanco	26- 3N-90W	8,500	1914-25; 1927-38	29.75	9.12	1913-17; 1919-27 1923-38	10.12	3.33	
49 (a)	Martin	Rio Blanco	23- 2N-92E	9,000	1914-17; 1919 1921-24	42.44	10.49	1914-16; 1919-24	21.67	6.74	
49 (b)	Hill	Rio Blanco	15- 2N-92E	8,500	1927; 1929-39	52.36	11.34	1927; 1929-38	30.36	7.98	
WHITE RIVER											
45	Filler	Rio Blanco	18- 2S-92E	7,200	1914-24; 1927-38	12.22	5.16	1914; 1915-38	0.79	0.20	
46	South Fork White	Rio Blanco	13- 2S-91E	7,400	1914-24; 1926-38	19.67	5.44	1914-1915-21 1923-27; 1929-38	5.14	0.77	
47	Little Beaver	Rio Blanco	3- 1N-92E	7,700	1914-17; 1919 1921-24; 1927 1929-38	34.85	8.59	1913-16; 1919-24 1923-27; 1929-38	11.68	5.22	
48	Lost	Rio Blanco	15- 1N-90E	7,600	1914-17; 1919-24 1927-38	26.59	6.49	1913; 1916-24 1926-27; 1929-38	4.77	1.01	

\* Discontinued 5-1-27.

\* Discontinued 1937.

Note: Snow strike numbers are designated in two different ways to indicate whether the station has been abandoned or not; thus, 49 (a) indicates an abandoned station, and 49 (b) indicates a new station whose number (49) is the same, but whose location, elevation, cover, etc., may be far different from those of the former snow strike.

The actual values published by the United States Weather Bureau are recorded in whole inches for snow depth and in 0.01 inches for water content. In this publication it was thought best to show the depth and water content in whole degrees, and for that reason both mean snow depth and mean water content are shown to 0.01 inch. The period of record and the means in columns 6 to 10 include only those years when both snow-depth and water-content records were available, and they do not include those years where only snow depth records existed.



TABLE VI

## SNOW SURVEY COURSES IN COLORADO, 1936-1938

River Basin Tributary & Snow Course	Index No.	Station Location		Eleva- tion, in Ft.	MARCH 1			APRIL 1		
		County	Sec.-Twp. Range		Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
<u>PLATTE RIVER BASIN</u>										
<u>NORTH PLATTE RIVER</u>										
Big Creek Lake	51	Jackson	9-11N-82W	9,000	1937-38	57.8	9.4	1937-38	45.6	11.6
Columbine Lodge 2/	8	Jackson	21- 5N-82W	9,300	1936-38	68.4	20.8	1936-38	72.3	24.6
Park View 2/	7	Jackson	24- 5N-78W	9,200	1936-38	34.1	9.2	1936-38	39.5	12.1
Cameron Pass 2/	1	Larimer-Jack.	2- 6N-76W	10,300	1936-38	47.8	16.3	1936-38	71.5	23.6
<u>LARIMER RIVER</u>										
West Portal Greeley- Poudre Tunnel	4	Larimer	7- 8N-75W	8,600	1937-38	26.6	7.0	1936-38	37.1	10.4
Deadman Hill 2/	50	Larimer	26-10N-75W	10,200	1937-38	41.8	10.8	1937-38	50.0	14.0
Deadman Hill No. 2 2/	71	Larimer	6- 9N-74W	10,200	1938	36.3	9.6	1938	46.6	13.1
<u>SOUTH PLATTE RIVER</u>										
Hoosier Pass	14	Park	13- 8S-78W	11,400	1937-38	29.6	6.4	1936-38	45.7	13.4
Jefferson Creek	57	Park	23- 7S-76W	10,050	1938	4.6	0.8	1937-38	8.8	1.8
Fairplay	15	Park	33- 9S-77W	10,000	1938	T		1936-38	2.6	0.4
<u>CANON LA POUFRE RIVER</u>										
Big South	3	Larimer	35- 8N-75W	8,600	1938	5.5	1.7	1936-38	9.1	2.5
Cameron Pass 2/	1	Larimer-Jack.	2- 6N-76W	10,300	1937-38	47.8	16.3	1936-38	71.5	23.6
Chamber's Lake	2	Larimer	6- 7N-75W	9,000	1937-38	16.3	4.6	1936-38	24.8	8.4
Deadman Hill 2/	50	Larimer	26-10N-75W	10,200	1937-38	41.8	10.8	1937-38	50.0	14.0
Deadman Hill No. 2 2/	71	Larimer	6- 9N-74W	10,200	1938	36.3	9.6	1938	46.6	13.1
Hour Glass Lake	68	Larimer	18- 7N-73W	9,500	1938	22.3	5.2	1938	30.7	7.9
Lake Irene 3/	65	Grand	8- 5N-75W	10,600	1938	60.2	20.7	1938	79.3	28.5





TABLE VI (Continued)

River Basin Tributary & Snow Course	Index No.	Station		Eleva- tion, in Ft.	MARCH 1			APRIL 1		
		County	Location Sec.-Twp. Range		Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
PLATTE RIVER BASIN (Continued)										
BIG THOMPSON RIVER										
Fall River	67	Larimer	6- 5N-74W	10,600	1938	56.5	17.2	1938	72.8	22.3
Lake Irene 3/	65	Grand	8- 5N-75W	10,600	1938	60.2	20.7	1938	79.3	28.5
ST. VRAIN RIVER										
Wild Basin	41	Boulder	24- 3N-74W	10,000	1937-38	32.2	8.4	1936-38	51.9	15.3
BOULDER CREEK										
East Portal Moffat T.	5	Gilpin	2- 2S-74W	9,400	1937-38	7.0	2.0	1936-38	14.7	3.7
University Camp No. 2	60	Boulder	28- 1N-73W	10,300	1937-38	24.2	8.2	1937-38	32.8	9.9
CLEAR CREEK										
Loveland Pass No. 2	61	Clear Creek	27- 4S-76W	10,100	1937-38	37.4	9.6	1936-38	47.9	12.7
ARKANSAS RIVER BASIN										
ARKANSAS RIVER										
Blue Lakes	73	Huerfano	30-31S-69W	10,000				1938	23.9	4.4
Four Mile Park	20	Lake	23-11S-81W	9,700				1936-38	8.7	2.1
Fremont Pass 2/	17	Summit-Lake	2- 8S-79W	11,300	1936-38	53.1	12.9	1936-38	49.0	17.6
La Veta Pass No. 2 2/	74	Costilla	22-28S-70W	9,300	1937	25.5	5.7	1936-38	25.8	7.2
Marshall Creek 2/	42	Saguache	24-48N- 6E	10,800	1936-38	45.8	11.9	1936-38	48.4	14.9
Poncha Creek 2/	43	Saguache	19-48N- 7E	10,500	1936-38	29.5	8.5	1936-38	35.0	10.8
Tennessee Pass 2/	19	Lake	21- 8S-80W	10,200	1936-38	34.8	8.3	1936-38	39.9	10.1
Twin Lakes Tunnel	21	Lake	21-11S-82W	10,500	1938	33.4	10.4	1936-38	42.6	10.4
Whiskey Creek	48	Las Animas	31-32S-69W	10,250				1937-38	37.4	9.2





TABLE VI (Continued)

River Basin Tributary & Snow Course	Index No.	Station Location		Eleva- tion, in Ft.	Period of Record			Mean Snow Depth			Mean Water Content		
		County	Sec.-Twp. Range		6	7	8	9	10	11			
	1	2	3	4	5	6	7	8	9	10	11		
<u>RIO GRANDE BASIN</u>													
<u>RIO GRANDE</u>													
Wolf Creek Pass 2/	26	Mineral	6-37N-2E		10,000	1937-38	87.8	27.2	1936-38	102.0	36.0		
Upper Rio Grande	27	Hinsdale	13-40N-4W		9,350	1937-38	27.8	6.2	1936-38	28.1	6.3		
Cumbres Pass	28	Conejos	17-32N-5E		10,000	1937-38	70.8	25.6	1936-38	85.9	34.4		
La Veta Pass No. 2 2/	74	Costilla	22-28S-70W		9,300	1937	25.5	5.7	1936-38	25.8	7.2		
Silver Lakes	47	Conejos	15-36N-5E		9,600	1937-38	24.8	5.4	1937-38	28.8	7.6		
River Springs	49	Conejos	25-33N-6E		9,300	1937-38	33.3	8.8	1937-38	35.9	11.4		
<u>SAN JUAN RIVER BASIN</u>													
<u>SAN JUAN RIVER</u>													
Upper San Juan	29	Mineral	10-37N-1E		10,000	1938	85.6	25.3	1936-38	119.3	39.9		
Silverton Sub-Station	30	San Juan	10-41N-7W		9,400				1936-38	26.5	6.8		
Casa de	31	San Juan	12-39N-9W		8,850				1936-38	45.2	15.6		
Wolf Creek Pass 2/	26	Mineral	6-37N-2E		10,000	1937-38	87.8	27.2	1936-38	102.0	36.0		
<u>COLORADO RIVER BASIN</u>													
<u>COLORADO RIVER</u>													
<u>CHICO MOUNTAIN</u>													
Trail View 2/	7	Jackson	24-5N-78W		9,200	1936-38	34.1	9.2	1936-38	39.5	12.1		
Lynx Pass 2/	10	Routt	27-2N-83W		9,100	1936-38	45.6	11.8	1936-38	48.3	13.5		
Phantom Valley	12	Grand	7-5N-75W		9,300	1936-38	34.2	10.1	1936-38	39.6	11.9		
Berthoud Pass	16	Grand	35-2S-75W		9,700	1936-38	51.4	12.8	1936-38	58.4	16.5		
Fremont Pass 2/	17	Summit-Lake	2-8S-79W		11,300	1936-38	53.1	12.9	1936-38	49.0	17.6		
Tennessee Pass 2/	19	Lake	21-8S-80W		10,200	1936-38	34.8	8.3	1936-38	39.9	10.1		
Independence Pass T.	33	Pitkin	30-11S-82W		10,200	1936-38	51.6	14.8	1936-38	59.0	20.1		
North Lost Trail Creek	34	Gunnison	20-11S-87W		9,200	1936-38	52.2	13.6	1936-38	55.8	18.6		
Maroon Lake	54	Pitkin	7-11S-85W		9,300	1937-38	41.6	10.6	1937-38	48.8	14.6		



TABLE VI (Continued)

River Basin Tributary & Snow Course	Index No.	Station Location		Eleva- tion, in Ft.	MARCH 1			APRIL 1		
		County	Sec.-Twp. Range		Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
<u>COLORADO RIVER BASIN</u>										
<u>COLORADO RIVER ABOVE</u>										
<u>GRAND JUNCTION (Continued)</u>										
Mesa Lakes	56	Mesa	35-11S-96W	10,000	1937-38	44.4	11.8	1937-38	58.2	17.6
Middle Fork Camp Creek	37	Grand	16- 3S-77W	9,000	1936-38	35.4	24.3	1936-38	39.1	10.6
Fiddler Gulch	44	Eagle	1- 8S-80W	11,000	1936-38	51.0	12.4	1936-38	55.4	13.3
Nast	45	Pitkin	1- 9S-83W	8,700	1936-38	26.0	6.0	1936-38	23.5	7.5
Lulu	59	Grand	25- 6N-76W	10,200	1937-38	49.6	17.0	1937-38	60.6	19.6
Arrow	69	Grand	34- 1S-75W	9,900	1938	31.6	5.9	1938	39.3	10.1
Lanland	70	Grand	16- 2S-76W	9,300				1938	45.3	11.7
Willow Creek Pass	62	Grand	1- 4N-78W	9,500	1938	37.3	11.0	1938	52.8	15.0
North Inlet Grand Lake	64	Grand	26- 4N-75W	9,000	1938	31.5	9.3	1938	40.8	11.1
Lake Irene 3/	65	Grand	8- 5N-75W	10,600	1938	60.2	20.7	1938	79.3	28.5
T'underbolt Peak	66	Grand	22- 2N-74W	9,500	1938	50.3	11.0	1938	60.0	14.7
<u>GUNNISON RIVER</u>										
Crested Butte	18	Gunnison	22-13S-86W	9,000	1936-38	52.9	14.4	1936-38	52.8	18.1
Alexander Lake	53	Delta	2-12S-95W	10,000	1937-38	66.8	19.2	1937-38	88.4	30.8
Snowshoe Mesa	55	Gunnison	14-13S-89W	7,500	1937-38	30.6	8.7	1937-38	32.8	9.9
Ironton Park	58	Ouray	29-43N- 7W	9,800	1937-38	36.2	10.4	1937-38	48.6	14.3
Park Cone	46	Gunnison	19-14S-82W	9,700	1936-38	39.6	9.2	1936-38	40.9	12.0
Sunshine Mountain	38	Hinsdale	35-44N- 6W	10,200	1936-38	38.5	10.9	1936-38	41.6	13.6
Marshall Creek 2/	42	Saguache	24-48N- 6E	10,850	1936-38	43.8	11.9	1936-38	48.4	14.9
Poncha Creek 2/	43	Saguache	19-48N- 7E	10,500	1936-38	29.5	8.5	1936-38	35.0	10.8
<u>DOLOR'S RIVER</u>										
Rico	23	Dolores	11-39N-11W	8,700				1936-38	39.7	10.5
Telluride	24	San Miguel	6-42N- 8W	8,600				1936-38	30.2	7.4
Lizard Head	25	Dolores	24-41N-10W	10,300				1936-38	65.9	20.2





TABLE VI (Continued)

River Basin Tributary & Snow Course	Index County No.	Station Location		Eleva- tion, in ft.	MARCH			APRIL		
		County	Sec.-Twp. Range		Period of Record	Mean Snow Depth Inches	Mean Water Content Inches	Period of Record	Mean Snow Depth Inches	Mean Water Content Inches
1	2	3	4	5	6	7	8	9	10	11
<u>GREEN RIVER BASIN</u>										
<u>YALPA RIVER</u>										
Dry Lake	6	Routt	26- 7N-84W	8,200				1936-38	65.5	23.0
Elk River	9	Routt	6-10N-85W	8,700				1936-38	60.4	19.6
Lynx Pass 2/	10	Routt	27- 2N-85W	9,100	1936-38	43.6	11.8	1936-38	48.3	15.5
Columbine Lodge 2/	8	Jackson	21- 5N-82W	9,300	1936-38	68.4	20.8	1936-38	72.3	24.6
<u>WHITE RIVER</u>										
Burro Mountain	35	Rio Blanco	15- 2S-91W	9,000	1936-38	54.3	16.9	1936-38	65.2	20.8
Rio Blanco	36	Garfield	28- 1N-88W	8,500				1936-38	51.4	16.9

T - Trace. 2/ - Common to Two Drainage Basins. 3/ - Common to Three Drainage Basins.

Source of Data: "Snow Surveys and Irrigation Forecasts", Published by The Bureau of Agricultural Engineering,  
U. S. Department of Agriculture in cooperation with State Departments, other Federal Bureaus and local organizations.  
Index Numbers, Column No. 2, are those used in above mentioned Publications.





# MAXIMUM FIVE-MINUTE TO 24-HOUR PRECIPITATION IN INCHES

DENVER, COLORADO - PERIOD OF RECORD, 1872-1937

Month	Five Minutes	Ten Minutes	Fifteen Minutes	Thirty Minutes	One Hour	Two Hours	24 Hours	Year
January							1.22	1883
February							0.88	1909
March							2.43	1909
April							2.79	1885
May							6.53	1876
June	0.40	0.70	0.81	0.98	1.17	1.22	2.21	1923
July	0.91	1.36	1.54	1.72	1.83	2.10	2.76	1919
August	0.52	0.37	0.95	1.47	2.20	2.54	5.00	1921
September	0.28	0.39	0.59	0.67	1.28	1.34	2.70	1902
October							2.50	1892
November							1.09	1908
December							2.29	1913
Absolute								
Maximum	0.91	1.36	1.54	1.72	2.20	2.54	6.53	
Date	July 14, 1912	July 14, 1912	July 14, 1912	July 14, 1912	Aug. 25, 1921	Aug. 23, 1921	May 21-22, 1876	

## GRAND JUNCTION, COLORADO - PERIOD OF RECORD, 1890-1935

January							0.60	1935
February							0.58	1934
March							1.02	1918
April							0.92	1931
May							1.83	1906
June							1.12	1912
July	0.17	0.29	0.36	0.45			0.75	1908
August	0.39	0.54	0.59	0.66			1.59	1921
September	0.26	0.33	0.46	0.64			0.90	1906
October	0.06	0.11	0.20	0.53	0.74	0.88	2.50	1908
November							1.29	1919
December							0.84	1926
Absolute								
Maximum	0.39	0.54	0.59	0.66	0.74	0.88	2.50	
Date	Aug. 1921	Aug. 1916	Aug. 1914	Aug. 1914	Oct. 1908	Oct. 1908	Oct. 1908	



PUEBLO, COLORADO - PERIOD OF RECORD, 1889-1936

Month	Five Minutes	Ten Minutes	Fifteen Minutes	Thirty Minutes	One Hour	Two Hours	24 Hours	Year
January							0.71	1891
February							0.90	1897
March							1.90	1905
April							2.92	1900
May	0.22	0.44	0.55				2.42	1894
June	0.38	0.71	0.95	1.59	1.59	1.96	2.93	1921
July	0.35	0.61	0.99	1.27	1.75	1.84	2.12	1895
August	0.19	0.53	0.59	0.91	2.07	2.11	2.71	1919
September	0.45	0.81	0.90	0.82	1.16	1.52	2.10	1909
October							1.41	1892
November							1.10	1925
December							1.05	1930
Absolute								
Maximum	0.45	0.81	0.99	1.59	2.07	2.11	2.93	
	Sept.	Sept.	July	June	Aug.	Aug.	June	
Date	1915	1915	1923	1921	1919	1919	1921	

DODGE CITY, KANSAS - PERIOD OF RECORD, 1875-1935

January							1.26	1886
February	0.14	0.53					2.12	1912
March							1.95	1922
April	0.39	0.47	0.57	1.15			2.91	1896
May	0.57	0.65	1.00	1.26	1.56	2.45	5.32	1898
June	0.28	0.50	0.87	1.40	1.79	3.00	6.03	1899
July	0.55	0.95	0.87	1.51	2.11	3.12	5.51	1911
August	0.32	0.83	1.34	1.97	2.56	2.65	3.34	1927
September	0.31	0.37	0.55	2.21	3.47	4.85	5.09	1906
October	0.18	0.37	0.41	0.48	0.56	0.69	3.00	1899
November							2.14	1909
December							1.76	1918
Absolute								
Maximum	0.55	0.95	1.34	2.21	3.47	4.85	6.03	
	July	July	Aug.	Sept.	Sept.	Sept.	June	
Date	1902	1902	1935	1906	1906	1906	1899	





SANTA FE, NEW MEXICO - PERIOD OF RECORD, 1874-1935

Month	Five Minutes	Ten Minutes	Fifteen Minutes	Thirty Minutes	One Hour	Two Hours	24 Hours	Year
January							1.22	1892
February							0.82	1928
March							1.07	1918
April							1.36	1916
May	0.18	0.36	0.55				2.12	1906
June	0.12	0.30	0.41	0.85			2.15	1927
July	0.26	0.53	0.56	0.72			2.50	1906
August	0.33	0.55	0.77	0.99	1.14	1.19	1.67	1932
September	0.22	0.38	0.55	0.92	1.15	1.57	2.83	1929
October							1.83	1911
November							1.29	1905
December							1.09	1895
Absolute								
Maximum	0.53	0.55	0.77	0.99	1.15	1.57	2.83	
	Aug.	Aug.	Aug.	Aug.	Sept.	Sept.	Sept.	
Date	1922	1922	1922	1922	1929	1929	1929	

CHEYENNE, WYOMING - PERIOD OF RECORD, 1871-1937

January							1.17	1921
February							1.02	1909
March							1.43	1910
April							3.20	1929
May	0.27	0.35	0.59	0.43			2.71	1904
June	0.59	0.93	1.22	2.02			3.24	1926
July	0.30	0.60	0.92	1.33	1.35		4.70	1896
August	0.35	0.58	0.88	0.98	1.18		1.72	1915
September	0.14	0.32	0.45	0.93	1.35		2.87	1902
October							1.35	1874
November							1.32	1922
December							1.28	1925
Absolute								
Maximum	0.59	0.93	1.22	2.02	1.35	0.00	4.70	
	June	June	June	June	July, 1919		July	
Date	1935	1935	1935	1926	Sept., 1934		1896	





## INTRODUCTION TO EVAPORATION DATA

### Agencies - General Summary Table

- W. B. - U. S. Weather Bureau.
- B. P. - U. S. Bureau of Plant Industry.
- R. - U. S. Bureau of Reclamation.
- S. A. - U. S. Bureau of Agricultural Engineering.
- D. A. - U. S. Department of Agriculture.
- P. R. - U. S. Bureau of Public Roads.
- U. W. - University of Wyoming.
- U. N. - University of Nebraska.
- E. S. - Colorado Experiment Station.
- W. C. - Colorado Water Conservation Board.

### Types of Pans - General Summary Table

1. U. S. Weather Bureau, Class A Pan.
2. Colorado Sunken Pan.
3. Bureau of Plant Industry Sunken Land Pan.
4. Land Pans:
  - Lincoln "F" - Brigg's Pan. Seven and one-half feet in diameter.
  - Denver - Sleight's twelve-foot circular pan.
5. Floating Pans.

The classification of Agencies and of Pans mentioned above, refers to column three (3) of the summary table of evaporation data, which appears on pages 183-184. The letter refers to the agency maintaining the station and the number refers to the type of pan in use during the major portion of the period of record.

### Types of Pans - Detailed Descriptions

#### Class A Land Pan - United States Weather Bureau.

\* "The Class A Land Pan is used more than any other type, and is probably the most satisfactory, standard with the United States Weather Bureau. Other agencies often install this type of pan and follow the United States Weather Bureau procedure in taking observations."

Pan is circular, four feet in diameter, ten inches deep and is made of 22-gauge galvanized iron supported on timbers so that the bottom of the tank is six inches above the surface of the ground. It is filled with water to within two inches of the top and is re-filled when the height of the water drops one inch. A micrometer hook gage, maintained in a stilling well, is used to measure the height of the water.

#### Standard Equipment:

- |                                    |                       |
|------------------------------------|-----------------------|
| 1. Anemometer                      | 2. Rain Gage          |
| 3. Maximum and Minimum Thermometer | 4. Sling Psychrometer |
| 5. Instrument Shelter              |                       |

Generally accepted reservoir coefficient, 0.69 to 0.70.

\* Transactions of the American Society of Civil Engineers, Volume 99.

STATE OF NEW YORK

IN SENATE

January 1, 1891.  
REPORT OF THE  
COMMISSIONER OF THE LAND OFFICE  
IN RESPONSE TO A RESOLUTION  
PASSED BY THE SENATE  
MAY 1, 1890.  
ALBANY: J. B. LIPPINCOTT & CO.,  
PRINTERS, 1891.

ALBANY: J. B. LIPPINCOTT & CO.,

PRINTERS, 1891.  
The Commission on the  
Land Office, created by  
Chapter 110 of the Laws  
of 1890, has the honor  
to submit to the Senate  
this report on the  
subject of the  
Land Office.

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ALBANY: J. B. LIPPINCOTT & CO.,  
PRINTERS, 1891.

Sunken Land Pan - United States Bureau of Plant Industry.

\* "Is regarded as also satisfactory by the Committee."

Pan is circular, six feet in diameter, two feet deep and is sunk in the ground so that four inches of the pan projects above the ground surface. It is made of 22-gauge galvanized iron. The water surface is maintained at the ground level, deviations of more than one-half inch being corrected. All other equipment is standard United States Weather Bureau.

Generally accepted reservoir coefficient, 0.94.

Colorado Sunken Land Pan.

Pan developed by the Colorado Experiment Station. Three feet square, usually three feet deep but can be eighteen inches: Pan is made of 18-gauge galvanized iron, sunk so that from two to ~~six~~ inches of pan projects above the ground level. Water is maintained at the ground level with not more than one inch of deviation permitted. All other equipment is standard United States Weather Bureau.

Generally accepted reservoir coefficient, 0.78 to 0.80.

The following tables of evaporation data, shown both in summary and detail form indicate the observed pan evaporation for various stations in Colorado and adjacent states. These pan evaporation figures should not be confused with evaporation from reservoir surfaces. To obtain reservoir surface evaporation, multiply the observed pan evaporation by the reservoir coefficient given in column 5 of the summary table, pages 183-184, and at the bottom of each detailed table. Most of the reservoir coefficients have been taken from page 671 of volume 99 of the "Transactions of the American Society of Civil Engineers", and have been so noted. In all other cases such values have been supplied using the best available source of data.

\* Transactions of the American Society of Civil Engineers, Volume 99.



THE UNITED STATES OF AMERICA  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

TO THE SECRETARY, DEPARTMENT OF THE INTERIOR  
FROM THE DIRECTOR, BUREAU OF LAND MANAGEMENT  
SUBJECT: [Illegible]

RE: [Illegible]

DATE: [Illegible]

1. [Illegible]  
2. [Illegible]  
3. [Illegible]  
4. [Illegible]  
5. [Illegible]

Very truly yours,  
[Illegible Signature]

[Illegible text block containing multiple lines of text, likely a memorandum or report body]

Approved: [Illegible Signature]

# SUMMARY OF EVAPORATION FROM WATER SURFACES, COLORADO AND ADJACENT STATES

Station	Eleva- tion	Type of Station	of Record	: Years : : Res. : : Station : Record : Coef. :	MEAN OBSERVED PAN EVAPORATION IN INCHES														Oct.	Nov.	Dec.	Seasonal
					: Years :																	
					: Res. : : Station : Record : Coef. :																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18					
IDAHO																						
Abodeen	4,400	B.P.-3	12-20	0.94*	--	--	--	4.43	6.31	7.87	9.29	8.25	5.33	--	--	--	41.48					
Aberdeen	4,400	W.B.-1	35-38	0.69*	--	--	--	--	7.25	8.11	9.21	8.78	5.95	3.49	--	--	42.79					
WYOMING																						
Archer	6,012	B.P.-3	13-38	0.94*	--	--	--	4.51	5.64	6.76	7.79	7.08	5.53	--	--	--	37.31					
Laramie	7,150	U.W.-2	91-95	0.80*	--	--	--	--	3.88	4.78	5.20	4.58	3.66	2.00	--	--	24.10					
Pathfinder	5,900	R.-1	14-24	0.69*	--	--	--	--	6.38	9.57	10.97	9.87	7.40	4.62	--	--	48.81					
Sheridan	3,290	B.P.-3	17-38	0.94*	--	--	--	3.53	5.16	6.30	8.14	7.59	5.04	--	--	--	35.76					
NEBRASKA																						
Box Butte	4,900	B.P.-3	36-38	0.94	--	--	--	--	7.49	9.03	10.81	10.53	7.26	--	--	--	45.12					
Bridgeport	3,658	W.B.-1	36-38	0.69	--	--	--	6.29	6.76	7.79	9.47	8.70	5.51	--	--	--	44.52					
Dutch Flats	4,110	R.-1	1909	0.78*	--	--	--	4.50	6.25	8.05	10.95	9.39	7.44	5.59	--	--	52.17					
Keystone Dam	3,270	W.B.-1	1938	0.69	--	--	--	--	--	--	--	11.91	6.42	6.10	--	--	--					
Lake Minatare	4,120	R.-1	18-19	0.70*	--	--	--	4.13	7.68	9.12	9.65	8.83	4.48	2.72	--	--	46.61					
Lincoln "D"	1,250	U.W.-4	17-20	0.95*	--	--	--	4.91	5.66	6.53	7.47	6.33	4.77	3.31	--	--	38.98					
Lincoln "E"	1,225	W.B.-1	17-38	0.69	--	--	--	6.05	7.59	8.76	10.61	8.74	6.97	5.04	--	--	53.76					
Lincoln "F"	1,250	B.F.-3	36-38	0.94	--	--	--	4.62	4.63	6.84	9.30	8.01	5.32	3.59	--	--	42.37					
Mitchell	4,080	D.A.-1	11-37	0.69*	--	--	--	3.94	6.11	6.68	8.06	7.05	5.19	--	--	--	37.03					
North Platte "A"	3,020	B.P.-3	07-38	0.94*	--	--	--	5.23	6.45	7.66	9.24	7.65	5.35	--	--	--	42.08					
North Platte "B"	2,822	B.F.-3	20-38	0.94*	--	--	--	5.41	6.36	7.29	9.23	7.91	5.69	--	--	--	41.89					
North Platte "C"	2,820	U.N.-3	17-30	0.94*	--	--	--	5.01	6.22	6.76	7.76	6.72	5.06	--	--	--	37.73					
Sunflower Camp	4,070	R.-1	09-17	0.69*	0.92	0.90	3.41	4.48	6.34	7.95	8.51	7.07	5.62	3.42	2.09	0.22	51.53					
KANSAS																						
Colby	3,135	B.P.-3	14-38	0.94*	--	--	--	5.04	6.34	7.82	9.62	8.29	6.27	--	--	--	43.36					
Garden City	2,836	B.P.-3	08-38	0.94*	--	--	--	6.69	8.59	10.27	11.94	10.55	8.09	--	--	--	56.13					
Hays	2,000	B.P.-3	07-38	0.94*	--	--	--	5.69	6.57	8.16	10.13	9.60	7.38	--	--	--	47.53					
Tribune	3,612	W.B.-1	16-38	0.69*	--	--	--	7.74	9.73	12.11	13.87	12.05	8.56	6.21	--	--	70.27					
OKLAHOMA																						
Woodward	1,900	B.P.-3	14-38	0.94*	--	--	--	3.65	7.31	9.51	11.00	9.90	7.43	--	--	--	48.80					
TEXAS																						
Dalhart	4,000	B.F.-3	08-38	0.94*	--	--	--	7.09	8.66	9.63	10.16	9.22	7.14	--	--	--	51.90					

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總論  
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四十九、論園窗之壞  
五十、論園門之損



# SUMMARY OF EVAPORATION FROM WATER SURFACES, COLORADO AND ADJACENT STATES (Continued)

Station	Eleva- tion	Type of Station	Years :																		Seasonal
			: Res. :																		
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
NEW MEXICO																					
Eagle Nest Lake	8,219	W.B.-1	37-38	0.69	--	--	--	--	--	7.25	8.13	7.12	7.02	4.85	4.57	--	--	--	38.94		
El Vado Dam	6,424	W.B.-1	36-38	0.69	--	--	--	--	--	6.62	8.63	8.88	8.44	6.25	4.33	1.91	--	--	45.06		
Farmington	5,300	S.E.-5	14-38	0.83*	1.13	1.69	3.61	5.43	--	6.83	7.53	6.99	5.48	4.61	3.51	2.01	1.19	--	49.81		
Lake Alice	6,825	W.B.-1	1914	0.69*	--	--	--	--	--	2.21	4.49	5.26	4.85	4.29	2.34	--	--	--	23.44		
Portales	4,004	W.B.-1	34-38	0.69	2.92	3.25	7.03	8.37	10.01	11.80	11.43	10.94	7.39	5.96	5.13	3.14	--	--	87.37		
Santa Fe	7,300	W.B.-1	13-33	0.69*	1.62	2.33	3.92	6.66	8.52	10.02	8.72	7.55	6.33	4.59	2.81	1.63	--	--	64.70		
Therma	8,200	W.B.-1	30-36	0.69*	0.80	1.51	2.29	5.71	7.51	10.26	8.55	6.99	6.16	4.86	2.10	0.70	--	--	57.44		
Tucumcari	4,194	B.P.-3	13-38	0.94*	--	--	--	7.78	9.38	10.59	10.85	9.59	7.40	--	--	--	--	--	55.59		
UTAH																					
Myton	5,030	W.B.-1	19-38	0.69*	--	--	--	--	--	8.20	9.16	9.17	7.69	5.99	3.46	--	--	--	43.67		
Piute Dam	5,900	W.B.-1	19-38	0.69*	--	--	--	--	--	9.06	11.66	10.88	9.57	7.84	4.81	2.09	--	--	53.82		
Utah Lake	6,000	B.F.-3	08-19	0.94*	--	--	--	4.59	6.62	8.16	8.82	9.23	6.34	--	--	--	--	--	43.76		
COLORADO																					
Akron	4,650	B.P.-3	08-38	0.94*	--	--	--	--	5.06	6.63	8.09	9.56	8.35	6.39	--	--	--	--	44.08		
Denver	5,340	P.R.-4	1916	0.99*	--	--	3.40	3.66	6.55	7.76	8.28	6.66	5.55	5.55	2.67	2.66	--	--	47.19		
Ft. Collins	4,998	E.S.-2	87-38	0.80*	1.41	1.56	2.62	4.36	5.06	5.76	6.00	5.54	4.53	4.53	3.31	1.61	1.30	--	43.14		
			27-28																		
Garnett	7,576	W.B.-1	30-31	0.69	--	--	--	5.76	8.46	9.85	8.65	7.17	5.72	4.26	--	--	--	--	49.89		
Grand Valley	4,608	E.S.-2	1901	0.80	--	--	--	--	5.70	11.10	7.70	7.26	5.44	3.51	60.56	--	--	--	39.32		
Holly	3,394	E.S.-2	1899	0.80*	--	--	--	--	--	65.46	6.93	7.03	4.73	--	--	--	--	--	24.15		
Lamar	3,900	S.E.-5	03-04	0.83*	4.50	4.00	5.54	6.20	5.81	5.70	9.34	8.98	6.78	5.05	2.15	0.82	--	--	64.87		
Parma	--	B.A.-1	1936	0.69	--	--	--	--	4.15	8.26	6.52	6.61	4.70	3.22	1.49	--	--	--	34.95		
Pueblo	4,790	S.E.-5	08-09	0.83*	1.87	1.13	3.22	4.27	5.43	7.76	8.78	7.43	6.47	4.99	2.79	1.38	--	--	57.52		
Rocky Ford	4,177	E.S.-2	1901	0.80*	--	--	--	6.15	8.49	11.42	11.72	12.11	7.07	4.40	3.30	--	--	--	61.66		
San Luis Lakes	--	B.A.-1	1936	0.69	--	--	--	--	4.89	10.84	9.33	7.76	5.00	3.74	1.56	--	--	--	43.12		
W.W. Gap, A-1	9,601	W.B.-1	19-26	0.69*	--	--	--	--	--	4.21	3.41	2.53	1.79	--	--	--	--	--	11.94		
W.W. Gap, A-2	9,609	W.B.-1	19-26	0.69*	--	--	--	--	--	5.82	5.34	4.92	4.46	--	--	--	--	--	20.74		
Walden	8,100	W.C.-1	1938	0.66	--	--	--	--	6.40	8.43	9.75	9.78	5.19	--	--	--	--	--	39.55		

a-1 week missing; b-2 weeks missing; c-3 weeks missing; d- 15-31.

\* - From the Transactions of the American Society of Civil Engineers, Volume 99. Where not noted, reservoir coefficients have been taken from the best available source.

Agency and type of gage column 3. See page 181.





# EVAPORATION AT ABERDEEN, IDAHO

Standard Bureau Plant Industry Land Pan														Elevation 4,400 Feet	
Unit: Inches	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.	
	1912				--	--	11.74	12.88	7.26	5.34				--	
	1913				5.40	6.93	6.16	7.32	8.18	5.65				39.64	
	1914				4.19	6.85	5.68	8.08	9.27	4.44				38.51	
	1915				4.96	5.16	7.90	8.99	8.19	6.03				41.23	
	1916				5.23	6.47	8.08	9.66	8.34	6.66				44.44	
	1917				3.24	5.05	8.81	9.78	8.56	5.38				40.82	
	1918				5.32	6.90	8.28	7.78	7.83	4.81				40.92	
	1919				3.70	7.31	7.04	10.49	8.84	4.52				41.90	
	1920				3.42	5.85	7.11	8.64	7.82	5.13				37.97	
Mean					4.43	6.31	7.87	9.29	8.25	5.33				41.48*	
Maximum					5.40	7.31	11.74	12.88	9.27	6.66				44.44	
Minimum					3.24	5.05	5.68	7.32	7.26	4.44				37.97	

Station closed by Bureau of Plant Industry in 1920 and reopened by Weather Bureau April, 1935.

Standard Weather Bureau Class A Land Pan														Elevation 4,400 Feet	
Unit: Inches	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-Oct.	
	1935					6.63	9.84	11.39	10.33	6.74	3.55			48.48	
	1936					7.89	7.67	8.71	8.05	5.85	3.62			41.79	
	1937					8.18	7.18	8.97	8.72	5.70	3.31			42.06	
	1938					6.30	7.75	7.76	8.02	5.49	--			--	
	Mean					7.25	8.11	9.21	8.78	5.95	3.49			42.79*	
	Maximum					8.18	9.84	11.39	10.33	6.74	--			--	
	Minimum					6.30	7.18	7.76	8.02	5.49	--			--	

Station maintained by U. S. Bureau of Plant Industry, 1912-1920, with circular sunken land pan, 6 feet in diameter, 2 feet deep, reservoir coefficient 0.94.

Station now maintained by U. S. Weather Bureau with circular land pan, 4 feet in diameter and 10 inches deep, reservoir coefficient 0.69.

Published in Monthly Weather Review, Climatological Data and meteorological year books.

\*-Sum of mean months.





# EVAPORATION AT ARCHER, WYOMING

Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Elevation 6,012 Feet April-Sept.
1913				--	--	7.10	7.76	7.56	4.50				--
1914				3.57	5.70	8.32	7.99	8.58	6.77				40.93
1915				3.16	4.70	5.56	6.64	5.35	4.96				30.37
1916				4.53	6.16	7.57	9.06	5.94	6.35				39.61
1917				3.76	3.43	7.29	8.32	6.99	5.56				35.35
1918				3.68	6.30	6.84	6.08	8.91	3.61				33.52
1919				3.88	7.88	8.49	9.25	8.29	4.88				42.67
1920				3.17	5.59	6.14	6.51	6.32	5.36				33.09
1921				4.91	4.79	6.24	7.43	6.86	7.06				37.29
1922				3.29	6.85	7.37	7.12	6.72	6.62				37.97
1923				5.14	5.54	6.75	6.51	5.86	4.64				34.44
1924				6.05	5.65	7.17	8.20	8.30	5.28				40.65
1925				5.80	5.93	7.47	9.19	6.07	6.13				40.59
1926				4.57	5.64	6.12	5.61	6.30	5.38				33.62
1927				5.16	7.23	5.34	5.90	4.54	4.39				32.56
1928				4.74	5.37	4.36	7.00	7.50	6.54				35.51
1929				5.30	5.34	7.02	7.80	6.74	4.21				36.11
1930				4.76	4.33	7.19	7.79	5.91	4.55				34.53
1931				4.79	5.86	6.31	9.13	7.20	6.37				39.66
1932				5.77	5.50	6.33	8.64	7.78	6.55				40.57
1933				3.81	5.66	7.60	8.90	6.87	5.63				38.47
1934				4.91	7.12	8.12	9.51	8.14	6.16				43.96
1935				4.13	3.95	5.83	7.34	8.13	5.54				34.92
1936				5.00	6.14	7.37	9.46	7.14	6.53				41.64
1937				4.29	5.84	5.69	8.10	8.66	6.13				38.71
1938				4.57	4.60	6.12	7.18	7.51	4.21				34.19
Mean				4.51	5.64	6.76	7.79	7.08	5.53				37.31
Maximum				6.05	7.88	8.49	9.51	8.91	7.06				43.96
Minimum				3.16	3.43	4.36	5.61	4.54	3.61				30.37

Station maintained by U. S. Bureau of Plant Industry.

Published in Monthly Weather Review, 1913-1932, 1933-1938 from unpublished records.

Pan: Circular sunken land pan, 6 feet in diameter, 2 feet deep.

Reservoir Coefficient: 0.94.

\*-Sub. to mean evaporation.





# EVAPORATION AT PATHFINDER DAM, WYOMING

Unit: Inches  
 Year      Feb.      Mar.      April      May      June      July      Aug.      Sept.      Oct.      Nov.      Dec.      Seasonal  
 Standard Weather Bureau Class A Land Pan      Elevation 5,900 Feet

1914	a	6.81	10.55	12.01	10.94	9.90	4.45	b	0.91	-	-	-
1915		6.06	8.27	9.84	9.06	6.50	5.47	c	1.44	-	-	-
1916		5.94	10.28	12.48	10.12	9.25	x	1.85	-	-	-	-
1917	d	5.75	9.47	12.44	10.77	7.49	e	3.64	-	-	-	-
1918	f	6.79	9.33	10.07	11.54	6.18	4.04	g	1.03	-	-	-
1919	h	8.30	10.83	12.64	10.55	6.85	j	0.39	-	-	-	-
1920	i	4.14	8.66	10.35	8.47	6.78	k	3.50	-	-	-	-
1921		6.35	9.19	10.18	8.38	7.62	5.12	1	0.90	-	-	-
1922		6.36	9.77	10.11	9.85	7.68	4.03	-	-	-	-	-
1923	m	6.17	9.61	10.15	8.77	6.73	x	0.69	-	-	-	-
1924		5.05	9.36	10.48	10.12	n	1.04	x	1.23	-	-	-

Mean      6.38      9.57      10.97      9.87      7.40      4.62      -      -      \*44.19

Maximum  
 Minimum

a - 6-31	f - Pan full of snow, 9-12	k - 1-20
b - 1-6	g - 1-16	l - 1-8
c - 1-7	h - 4-31	m - Tank frozen, 15-17
d - 5 days missing	i - 17-31	n - Tank frozen, 21-27
e - 1-17	j - 2 days only	

\* Sum of Mean Months.

x This month obviously has days missing but not indicated in record. Totals have not been used in computing mean.

Station maintained by U. S. Bureau of Reclamation.

From unpublished records.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep. Concrete foundation.

Reservoir Coefficient: 0.59

Location: 1,000 feet from shore line of reservoir with no obstructions close to pan.



# EVAPORATION AT SHERIDAN, WYOMING

Unit: Inches		Standard Bureau of Plant Industry Land Pan										Elevation 3,290 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1917				--	4.91	5.82	9.31	7.85	5.14				--
1918				2.95	4.18	6.37	6.70	7.50	3.87				31.57
1919				3.56	6.90	8.98	10.30	8.77	5.16				43.67
1920				2.10	4.13	5.26	6.75	7.15	5.08				30.47
1921				4.60	4.71	7.05	9.65	7.92	5.31				39.24
1922				2.66	4.28	6.03	5.98	6.61	5.53				31.09
1923				2.77	4.65	5.33	7.85	5.63	5.35				31.58
1924				2.37	3.16	5.13	6.94	7.19	4.63				29.42
1925				6.71	5.40	5.60	7.75	7.91	4.47				37.84
1926				5.31	7.46	7.45	8.80	8.59	4.62				42.23
1927				2.90	4.60	4.94	6.16	4.58	3.90				47.08
1928				3.39	5.59	4.72	5.90	6.26	5.01				30.87
1929				2.86	4.60	5.87	7.52	7.77	3.93				32.55
1930				3.78	4.66	7.07	8.66	7.45	5.22				36.84
1931				4.03	5.42	7.59	3.85	8.04	5.92				40.55
1932				3.89	4.73	5.38	8.11	8.21	4.90				35.22
1933				2.82	4.94	7.21	9.03	7.11	3.60				36.71
1934				3.96	6.97	7.24	9.69	8.29	4.44				40.59
1935				3.38	3.97	5.97	8.69	8.90	4.99				35.90
1936				3.41	7.26	8.60	10.42	8.64	6.62				44.95
1937				3.80	6.00	5.53	7.51	8.82	6.00				37.69
1938				2.92	5.05	5.50	6.70	7.81	5.92				31.69
Mean				3.53	5.16	6.30	9.14	7.70	5.04				35.76
Maximum				6.71	7.46	8.98	10.42	8.82	6.62				44.95
Minimum				2.10	3.16	4.72	5.90	4.58	3.87				27.08

Station maintained by Bureau of Plant Industry.

Published in Monthly Weather Review, 1917-1932. 1933-1938 from unpublished records.

Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep.

Reservoir Coefficient: 0.94.

\*-Sum of mean months.



1900-1901

1901-1902

1902-1903

1903-1904

1904-1905

1905-1906

1906-1907

1907-1908

1908-1909

1909-1910

1910-1911

1911-1912

1912-1913

1913-1914

1914-1915

1915-1916

1916-1917

1917-1918

1918-1919

1919-1920

1920-1921

1921-1922

1922-1923

1923-1924

1924-1925

1925-1926

1926-1927

1927-1928

1928-1929

# EVAPORATION AT BOX BUTTE EXPERIMENTAL FARM, NEBRASKA

Standard Bureau of Plant Industry Land Pan											Elevation 4,900 Feet		
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-Sept.
Year													
1936				6.00	10.86	13.05	11.24		8.78	6.23			49.93
1937				9.12	7.65	11.49	10.87		7.12	---			46.25
1938				7.35	8.59	7.90	9.47		5.88	---			39.19
Mean				7.49	9.03	10.81	10.53		7.26	---			45.12*
Maximum				9.12	10.86	13.05	11.24		8.78	---			49.93
Minimum				7.35	7.65	7.90	9.47		5.88	---			39.19

Station maintained by Bureau of Plant Industry.  
 Published in "Climatological Data", U. S. Weather Bureau.  
 Pan: Circular sunken land pan, 6 feet in diameter, 2 feet deep.  
 Reservoir coefficient: 0.94.  
 \*Sum of mean months.

## EVAPORATION AT BRIDGEPORT, NEBRASKA

Standard Weather Bureau Class A Land Pan													Elevation 3,558 Feet	
Unit: Inches.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.	
Year														
1936				6.09	6.93	8.75	10.86	8.18	6.63	---			47.44	
1937				6.49	7.19	7.00	9.73	9.82	5.85	3.70			46.08	
1938				---	6.16	7.63	7.83	8.10	4.06	---			---	
Mean				6.29	6.76	7.79	9.47	8.70	5.51	---			44.52*	
Maximum				6.49	7.19	8.75	10.86	9.82	6.63	---			---	
Minimum				6.09	6.16	7.00	7.83	8.10	4.06	---			---	

Station maintained by the U. S. Weather Bureau.  
 Published in "Climatological Data", U. S. Weather Bureau.  
 Pan: Circular land pan, 4 feet in diameter and 10 inches deep.  
 Reservoir Coefficient: 0.69.  
 \*Sum of mean months.





EVAPORATION AT EXPERIMENT STATION NEAR MITCHELL, NEBRASKA

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 4,080 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1911				5.53	7.13	8.89	9.09	7.43	6.16	6.68			44.23
1912				4.24	7.14	6.65	6.67	6.32	4.17	2.26			35.19
1913				4.53	6.32	6.80	6.93	6.64	4.69	---			35.91
1914				4.63	6.42	7.18	8.42	7.90	5.88	---			40.43
1915				2.87	6.18	6.24	7.78	5.63	4.75	---			33.45
1916				5.07	6.77	6.96	8.48	6.70	5.96	---			39.94
1917	a	4.53		5.97		7.42	9.52	8.63	7.19	2.57			43.26
1918		---		---	7.30	a	9.58	8.60	---	2.57			---
1919		4.13		7.68	7.68	9.16	9.78	9.03	4.98	2.87			44.76
1920		---		---	4.81	6.43	7.84	6.81	5.02	---			---
1921		4.29		5.16	6.35	6.12	8.49	6.14	5.50	---			35.93
1922		2.43		6.49	6.12	6.15	6.83	7.05	3.44	---			32.36
1923		3.14		5.06	6.15	6.66	6.32	5.24	4.89	---			30.80
1924		2.95		4.89	6.66	6.67	7.47	7.22	4.63	---			33.82
1925		5.41		6.17	6.67	6.67	8.17	6.07	4.96	---			37.45
1926		5.97		6.21	7.04	7.04	6.00	6.33	4.07	---			35.62
1927		1.28		6.17	5.21	5.21	6.27	5.35	4.55	---			28.83
1928		5.36		5.55	4.29	4.29	5.55	6.37	5.70	---			32.82
1929		2.79		6.10	6.08	6.08	6.69	6.96	4.62	---			33.24
1930		4.26		3.93	5.86	5.86	7.03	5.46	4.35	---			30.89
1931		2.76		5.67	7.05	7.05	8.66	7.93	6.10	0.14			38.17
1932		4.88		5.06	5.54	5.54	7.59	6.39	4.56	---			34.02
1933		4.58		5.61	7.55	7.55	8.34	6.00	4.39	---			36.47
1934		4.40		8.09	7.77	7.77	10.05	8.16	5.36	---			43.63
1935		3.15		3.98	2.05	2.05	9.05	9.44	5.86	---			33.53
1936		4.18		7.70	9.10	9.10	11.17	7.56	6.77	---			46.48
1937		1.23		7.28	6.10	6.10	9.83	8.93	6.25	---			39.62
Mean		3.94		6.11	6.68	6.68	8.06	7.05	5.19	---			37.03
Maximum		5.97		8.09	9.16	9.16	11.17	9.44	7.19	---			46.48
Minimum		1.23		3.93	2.05	2.05	5.55	5.24	3.44	---			25.31

Notes: See page 191.



# EVAPORATION AT EXPERIMENT STATION NEAR MITCHELL, NEBRASKA (Continued)

Unit: Inches Standard Weather Bureau Class A Land Pan Elevation 4,080 Feet

Station maintained by U. S. Bureau of Reclamation.

From unpublished records.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep. Wood foundation.  
 Reservoir Coefficient: 0.69. Station was moved in 1922 to this  
 Location. 6 miles east of Mitchell, sheltered by grove of trees 75 feet away.  
 point from field one quarter mile away.

a-Partially estimated by Bureau of Reclamation.

b-One day only

\*-Sum of mean months.

## EVAPORATION NEAR MITCHELL, NEBRASKA

Standard Bureau of Plant Industry Land Pan													Elevation 4,080 Feet	
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-Sept.	
Year														
1936					6.71	8.04	9.10	11.08	7.61	5.75			42.54	
1937					7.51	6.10	9.83	9.09	6.25	---			38.78	
1938					5.21	6.80	8.36	8.89	4.75	---			34.01	
Mean					6.48	6.98	9.10	9.69	6.20	---			36.45*	

Station maintained by Bureau of Plant Industry.

From unpublished records.

Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep.

Reservoir Coefficient: 0.94.

\*-Sum of mean months.





EVAPORATION AT NORTH PLATTE, NEBRASKA "A"

Standard Bureau of Plant Industry Land Pan												Elevation 3,020 Feet	
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
Year													
1907				6.45	6.23	7.79	7.56	7.70	5.59				41.32
1908				6.00	6.99	6.26	7.51	6.93	8.24				41.93
1909				4.63	7.35	6.12	7.85	8.34	6.13				40.42
1910				7.49	5.98	9.90	9.74	7.60	5.85				46.56
1911				5.70	7.21	12.49	9.86	8.09	6.35				49.70
1912				--	--	--	--	--	--				--
1913				6.66	6.63	9.22	10.39	11.56	7.00				51.46
1914				5.64	6.32	8.98	10.15	9.58	6.77				47.44
1915				6.11	5.87	6.04	6.61	5.98	4.87				35.47
1916				4.55	7.02	6.96	11.03	7.76	6.28				43.60
1917				4.39	4.89	8.26	10.49	7.67	4.88				40.58
1918				4.30	7.37	8.39	8.88	8.05	4.86				44.85
1919				4.02	6.07	6.98	9.95	7.38	5.73				40.13
1920				--	--	--	--	--	--				--
1921				4.57	6.64	7.18	10.87	8.02	5.50				42.78
1922				4.65	6.68	8.24	7.03	8.06	6.31				40.97
1923				4.67	5.73	6.49	6.86	5.49	4.97				34.21
1924				5.67	5.95	6.28	8.12	7.94	4.75				38.71
1925				5.35	6.26	7.66	9.50	7.58	5.16				41.51
1926				5.31	7.46	7.45	8.80	8.59	4.62				42.23
1927				4.20	7.22	6.19	7.97	5.35	5.55				36.48
1928				6.14	6.30	4.80	6.73	7.56	6.15				37.68
1929				4.59	5.57	6.63	8.68	8.33	4.38				38.18
1930				4.38	5.68	6.18	8.33	5.98	4.81				35.36
1931				4.28	6.79	8.20	10.27	8.71	7.65				45.90
1932				5.45	7.70	6.99	9.11	8.21	6.27				43.73
1933				6.00	5.97	9.57	10.67	5.93	6.59				44.73
1934				6.33	9.60	10.59	13.30	9.64	5.88				55.34
1935				4.80	4.93	5.90	9.70	8.56	5.26				39.15
1936				4.77	5.96	8.96	11.69	9.42	7.09				47.89
1937				5.14	6.58	7.19	9.93	9.06	6.80				44.70
1938				4.56	5.44	7.87	9.54	10.50	5.25				43.16
Mean				5.23	6.45	7.66	9.24	7.65	5.85				42.08*
Maximum				7.49	9.60	12.49	13.30	11.56	8.24				55.34
Minimum				4.02	4.89	4.80	6.61	5.35	4.38				34.21

(Notes shown on reverse side)

# EVAPORATION AT NORTH PLATTE, NEBRASKA "A" (Continued)

Unit: Inches Standard Bureau of Plant Industry Land Pan Elevation 3,020 Feet

Station maintained by Bureau of Plant Industry at University of Nebraska Experiment Station,  
Published in Monthly Weather Review, 1907-1932. 1933-1938 from unpublished records.  
Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep. No irrigation near pan.

\*A\* See General Summary Table, Pages 183-184.

\*-Sum of mean months.



# EVAPORATION AT NORTH PLATTE, NEBRASKA "B"

Standard Bureau of Plant Industry Land Pan														Elevation 2,822 Feet	
Unit: Inches	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.	
	1920				--	4.88	6.40	8.63	7.50	5.76				--	
	1921				5.64	6.74	6.62	10.87	6.94	5.46				42.27	
	1922				4.96	6.60	8.46	7.03	8.06	6.31				41.42	
	1923				4.88	5.96	6.63	7.17	5.98	4.82				35.44	
	1924				5.67	5.98	6.22	8.17	7.73	4.76				38.53	
	1925				5.17	6.16	7.64	9.23	7.59	5.16				40.95	
	1926				5.85	7.51	7.36	8.80	8.60	4.62				42.74	
	1927				--	7.23	6.26	7.97	5.32	5.55				--	
	1928				6.86	6.38	4.76	6.42	7.80	6.20				38.42	
	1929				5.36	5.51	6.58	8.99	8.10	4.17				38.71	
	1930				4.31	5.73	6.18	8.16	6.58	4.81				35.77	
	1931				4.57	6.80	8.20	10.27	8.58	7.65				46.07	
	1932				5.45	7.70	6.99	8.58	8.23	6.27				43.22	
	1933				6.19	5.89	9.69	10.66	5.93	6.64				45.00	
	1934				6.33	9.60	10.59	13.30	9.64	5.58				55.04	
	1935				4.93	4.29	5.89	9.80	8.56	5.26				38.73	
	1936				5.31	5.96	9.11	11.69	9.42	7.19				48.68	
	1937				5.04	6.58	6.85	9.55	9.06	6.58				43.66	
	1938				--	5.44	7.87	10.05	10.50	5.31				--	
Mean					5.41	6.36	7.29	9.23	7.91	5.69				41.89*	
Maximum					6.86	9.60	10.59	13.30	10.50	7.65				55.04	
Minimum					4.31	4.29	4.76	6.42	5.32	4.17				35.44	

Station maintained by U. S. Weather Bureau.

Published in yearly Climatological Data Summary.

Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep.

Reservoir Coefficient: 0.94.

"B" See General Summary Table, Pages 183-184.

\*--Sum of mean months.

Location: (Dench Station). 3 miles south of North Platte at University of Nebraska Experiment Station. Irrigation near station.



# EVAPORATION AT SUNFLOWER CAMP, NEBRASKA

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 4,070 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Oct.
1909				4.50	6.25	8.05	10.95	9.39	7.44	5.59			52.17
1910			2.64	7.38	6.89	11.17	9.96	8.78	5.84	5.84	3.20	0.78	55.86
1911		0.71	4.62	5.83	7.46	10.10	9.15	8.06	7.30	3.36	2.89	0.86	51.26
1912	0.92			2.87	7.33	9.13	6.68	6.00	4.59	2.96	1.52		39.56
1913			x 0.84	4.50	5.97	6.00	7.16	8.13	4.0	2.72	1.76		38.54
1914			2.72	3.56	5.88	5.64	8.48	.44	5.44	2.68	2.28		37.12
1915		a 1.16	x 1.00	3.08	4.04	6.08	7.68	5.48	4.28	3.04	1.84		33.68
1916		0.84	3.68	4.08	7.24	7.84	7.68	5.84	5.53	* 1.16	1.16	0.20	39.37
1917			x 0.25	4.53	5.97	7.52	8.90	6.51	6.07	b 2.94			--
Mean	0.92	0.90	3.41	4.48	6.34	7.95	8.51	7.07	5.62	3.42	2.09	0.82	43.39*
Maximum				7.38	7.46	11.17	10.95	9.39	7.44	5.84	3.20		55.86
Minimum				2.87	4.04	5.64	6.68	5.44	4.06	1.16	1.16		33.68

Station maintained by U. S. Bureau of Reclamation.

Dutch Flats station was established in 1909 and was moved to Sunflower Camp in March 1910. In November, 1917 this same equipment was moved to Lake Minatare and was finally discontinued at that point in March, 1920.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.  
Reservoir Coefficient: 0.69.

\*- Sum of mean months.

a- 8-28.

b- Part month.

x- These months obviously have days missing but not indicated in the record. Totals have not been used in computing mean.





# EVAPORATION AT COLBY, KANSAS

Standard Bureau of Plant Industry Land Pan													Elevation 3,135 Feet
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
Year													
1914	--				--	6.95	7.97	8.53	7.59				--
1915	4.02			5.43	5.84	5.98	5.98	5.44	4.94				31.65
1916	4.42			7.06	7.15	11.23	11.23	8.83	6.84				45.53
1917	4.36			5.38	7.95	9.58	9.58	6.74	4.71				38.72
1918	3.75			7.05	8.09	8.46	8.46	9.21	4.81				41.37
1919	3.54			5.02	6.61	9.19	9.19	8.86	6.42				39.64
1920	3.06			4.06	6.81	7.50	7.50	5.26	--				--
1921	5.28			7.03	6.03	8.72	8.72	6.41	5.89				39.36
1922	3.54			6.50	8.36	9.06	9.06	8.30	6.84				42.60
1923	5.43			5.26	6.61	7.34	7.34	6.89	5.84				37.37
1924	5.61			6.71	7.87	10.19	10.19	8.64	6.28				45.36
1925	6.14			6.70	10.40	10.89	10.89	8.47	6.37				48.97
1926	5.34			7.31	8.52	11.48	11.48	10.35	6.28				49.28
1927	5.02			8.94	7.06	9.04	9.04	6.01	7.15				43.22
1928	6.12			5.95	5.23	7.36	7.36	8.77	7.15				40.58
1929	5.80			5.10	7.05	9.98	9.98	8.22	5.78				41.93
1930	4.82			5.55	7.63	9.50	9.50	7.54	5.04				40.08
1931	3.99			6.07	8.90	9.80	9.80	8.01	8.16				44.93
1932	5.73			7.59	6.87	10.34	10.34	9.15	6.29				45.97
1933	6.34			5.85	10.15	9.74	9.74	7.09	6.54				45.71
1934	6.29			9.42	11.22	13.54	13.54	10.65	6.34				57.46
1935	6.93			5.32	7.66	11.82	11.82	9.35	6.20				47.28
1936	5.25			6.56	9.69	12.13	12.13	9.64	6.80				50.12
1937	5.44			6.88	7.23	10.30	10.30	9.79	5.97				45.61
1938	4.77			5.33	7.67	9.22	9.22	10.63	6.22				43.81
Mean	5.04			6.34	7.82	9.62	9.62	8.29	6.27				43.82*
Maximum	6.93			9.42	11.22	13.54	13.54	10.65	8.16				57.46
Minimum	3.06			4.06	5.23	5.98	5.98	5.26	4.71				31.65

Station maintained by Bureau of Plant Industry.  
 Published in monthly weather Review, 1914-1932. 1933-1938 from unpublished records.  
 Pan: Circular standard land pan, 6 feet in diameter and 2 feet deep.  
 Reservoir Coefficient: 0.94.

\* - Sum of mean months.





# EVAPORATION AT GARDEN CITY, KANSAS

Unit: Inches		Standard Bureau of Plant Industry Land Pan												Elevation 2,836 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.		
1908				9.02	9.86	10.50	9.46	9.69	7.61				56.14		
1909				6.57	9.10	8.76	9.80	9.88	7.46				51.57		
1910				7.76	6.33	9.42	10.47	7.63	6.81				48.42		
1911				7.10	9.72	11.85	10.25	10.24	8.86				58.02		
1912				6.80	10.82	8.58	10.64	9.15	7.09				53.08		
1913				2.81	8.23	9.51	14.15	12.90	6.93				54.53		
1914				6.92	7.05	9.94	9.40	10.01	9.37				52.69		
1915				5.25	7.59	7.70	9.26	5.92	6.03				41.25		
1916				6.18	9.63	10.33	13.22	10.67	7.43				57.46		
1917				6.56	7.44	12.32	12.44	9.01	7.05				54.82		
1918				5.25	10.25	10.30	10.12	11.86	6.33				54.11		
1919				5.26	6.52	8.62	11.92	11.08	8.09				51.49		
1920				6.84	7.41	10.62	11.16	7.86	7.31				51.20		
1921				7.00	9.46	8.70	9.44	9.12	9.62				53.34		
1922				5.20	7.50	10.76	11.90	11.98	10.14				57.48		
1923				6.81	6.74	8.03	10.47	9.09	6.78				47.92		
1924				5.72	7.14	10.46	10.99	10.84	8.16				53.31		
1925				7.37	8.24	12.41	12.32	10.90	7.51				58.75		
1926				5.83	8.25	10.25	12.17	11.16	8.24				55.90		
1927				6.14	11.23	10.30	12.16	7.86	8.91				56.60		
1928				7.43	7.91	7.27	9.99	10.05	8.32				50.97		
1929				6.87	6.34	10.13	12.05	10.19	8.31				53.89		
1930				7.06	8.71	11.28	13.91	11.68	8.92				61.56		
1931				4.93	7.55	12.53	12.42	10.34	10.95				58.72		
1932				7.03	9.18	8.12	13.45	11.46	7.36				56.60		
1933				9.66	9.43	13.34	12.86	9.44	9.15				63.88		
1934				7.15	11.17	13.36	16.70	13.30	8.84				70.52		
1935				7.82	5.66	10.94	15.23	12.47	8.71				60.83		
1936				7.81	8.83	11.80	14.66	12.30	8.08				63.46		
1937				8.25	10.52	9.44	14.08	14.42	8.72				65.43		
1938				6.87	8.33	10.77	13.26	10.39	7.53				53.23		
Mean				6.69	8.59	10.57	11.70	10.53	8.09				56.13		
Maximum				9.66	11.23	13.36	16.70	15.59	10.95				70.52		
Minimum				2.81	5.66	7.27	9.20	5.92	6.03				41.25		

(Notes shown on reverse side)

# EVAPORATION AT GARDEN CITY, KANSAS (Continued)

Unit: Inches Standard Bureau of Plant Industry Land Pan Elevation 2,836 Feet

Notes: Station maintained by Bureau of Plant Industry.

Published in monthly Weather Review, 1908-1932. 1933-1938 from unpublished records.

Pan: Circular sunken land pan, 6 feet in diameter, 2 feet deep. 1908 - 1916, 8 foot circular pan, 2 feet deep, (coefficient 0.95).

Reservoir Coefficient 0.94.

\*- Sum of mean months.

# EVAPORATION AT HAYS, KANSAS

Unit: Inches		Standard Bureau of Plant Industry Land Pan										Elevation 2,000 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1907				6.52	7.20	7.26	8.61	7.85	7.21				44.65
1908				6.45	7.18	7.98	7.97	8.18	6.62				44.38
1909				6.37	9.20	7.21	7.74	10.22	6.74				47.48
1910				8.34	4.86	7.80	9.26	7.60	5.97				43.83
1911				6.56	8.89	13.98	11.88	10.27	8.22				59.80
1912				6.08	8.28	6.42	9.99	9.18	7.02				46.97
1913				6.61	7.64	8.53	13.82	14.45	7.25				58.30
1914				5.76	5.09	9.28	9.26	9.82	7.89				47.10
1915				4.49	5.53	5.33	7.06	5.38	5.49				33.28
1916				4.23	7.04	7.73	12.20	11.12	7.91				50.23
1917				6.35	6.53	11.09	11.87	8.14	6.49				50.47
1918				4.32	7.49	8.94	9.06	11.24	6.51				47.56
1919				4.07	4.53	5.40	10.27	9.34	7.38				40.99
1920				4.78	4.68	8.12	9.65	6.29	6.26				39.78
1921				6.17	7.25	6.04	8.67	8.19	8.23				44.55
1922				4.39	5.91	7.93	8.26	10.53	10.30				47.32
1923				6.00	5.58	6.58	9.82	8.58	6.24				42.80
1924				5.48	6.78	7.74	10.84	10.32	7.46				48.62
1925				6.00	6.78	11.63	9.49	7.92	6.98				49.80
1926				5.50	7.36	9.38	11.41	11.16	7.23				52.04
1927				4.56	7.81	7.66	9.25	6.27	6.96				42.52
1928				6.41	6.45	4.96	8.00	8.16	8.32				42.30
1929				5.58	5.32	7.97	9.34	8.48	7.04				43.73
1930				--	--	--	--	9.80	6.38				--
1931				4.72	6.58	9.52	10.27	9.56	11.63				52.28
1932				5.81	7.12	6.69	11.03	9.51	6.15				46.31
1933				6.85	6.99	12.88	12.44	8.90	8.40				56.46
1934				7.01	10.74	12.65	16.32	13.05	6.58				66.35
1935				7.29	5.50	6.91	13.15	11.32	7.53				51.70
1936				7.31	6.80	10.11	14.64	12.08	8.03				58.97
1937				6.83	8.42	9.90	11.48	11.78	7.88				56.29
1938				5.22	4.72	7.72	11.20	12.44	7.75				49.05
Mean				5.69	6.57	8.16	10.13	9.60	7.35				47.53*
Maximum				8.94	10.74	13.98	16.32	14.45	11.63				66.35
Minimum				4.07	4.53	4.96	7.06	5.38	5.49				33.28

(Notes shown on reverse side.)



# EVAPORATION AT HAYS, KANSAS

Unit: Inches      Standard Bureau of Plant Industry Land Pan      Elevation 2,000 Feet

Station maintained by Bureau of Plant Industry.

Published in Monthly Weather Review, 1907-1932. 1933-1938 from unpublished records.

Pan. Circular sunken land pan, 8 feet in diameter, 2 feet deep, (reservoir coefficient 0.95, 1907-1916.)

Circular sunken land pan, 6 feet in diameter, 2 feet deep, (reservoir coefficient 0.94, 1917-1938.)

\* - Sum of mean months.

# EVAPORATION AT TRIBUNE, KANSAS

Unit: Inches		Standard Weather Bureau Class A Land Pan												Elevation 3,612 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.		
1916	--	--	--	6.88	--	--	--	--	9.35	--	--	--	--		
1917	--	--	--	7.69	--	--	--	--	8.49	--	--	--	--		
1918	--	--	--	12.67	--	--	--	13.02	7.43	--	--	--	--		
1919	--	--	--	9.74	10.96	14.84	12.26	12.45	9.12	4.45	--	--	--		
1920	--	--	--	7.86	11.10	12.26	11.96	9.23	7.10	7.29	--	--	--		
1921	8.09	11.44	9.59	11.44	14.05	12.71	10.67	10.67	8.68	7.41	--	--	60.43		
1922	--	--	9.49	14.05	10.73	9.11	14.00	14.00	8.01	8.00	--	--	--		
1923	7.25	8.26	8.72	11.78	13.95	13.23	11.94	10.80	8.78	6.93	--	--	51.43		
1924	7.68	8.60	10.09	8.83	11.54	14.74	12.39	14.36	9.94	3.68	--	--	59.70		
1925	5.93	7.20	13.40	8.28	11.02	15.09	11.93	12.62	8.82	--	--	--	65.75		
1926	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	65.34		
1927	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	63.24		
1928	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	55.94		
1929	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	--		
1930	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	67.66		
1931	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	75.23		
1932	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	--		
1933	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	--		
1934	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	74.45		
1935	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	63.98		
1936	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	65.21		
1937	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	63.82		
1938	7.83	7.58	7.72	9.70	15.40	15.88	14.51	12.94	13.97	--	--	--	--		
Mean	7.74	9.73	12.11	13.87	12.05	8.56	6.21	6.21	6.21	6.21	6.21	6.21	64.06*		
Maximum	9.40	13.54	16.19	16.72	14.51	13.97	8.00	8.00	13.97	8.00	8.00	8.00	75.23		
Minimum	5.93	6.23	8.05	9.11	8.09	7.10	3.68	3.68	7.10	3.68	3.68	3.68	51.43		

Station maintained by U. S. Weather Bureau.

Published in "Climatological Data", U. S. Weather Bureau.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69.

a- Not indicated in report but obviously an incomplete record.

\*- Sum of mean months.





# EVAPORATION AT WOODWARD, OKLAHOMA

Unit: Inches	Standard Bureau of Plant Industry Land Pan											Elevation 1,200 Feet	
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1914				6.84	6.24	11.28	-	8.94	8.36				-
1915				5.98	6.75	6.64	10.04	6.52	5.76				41.66
1916				5.93	10.09	8.25	10.57	11.11	7.36				53.93
1917				6.79	6.98	11.54	11.72	7.59	5.26				49.87
1918				4.97	9.27	8.67	10.08	11.00	5.79				49.78
1919				6.00	5.36	6.37	10.69	9.31	7.60				45.32
1920				7.70	6.11	10.42	9.79	6.87	7.27				48.15
1921				6.92	8.04	7.28	9.32	10.29	8.75				50.60
1922				7.92	8.91	10.59	11.03	11.53	7.84				57.82
1923				5.50	6.34	8.42	10.70	11.64	6.50				49.10
1924				6.32	6.42	10.49	9.09	9.49	7.41				49.22
1925				6.85	7.17	11.78	9.87	8.71	6.57				50.95
1926				4.77	7.34	10.38	9.70	8.61	6.97				47.77
1927				5.60	8.16	9.25	9.81	6.32	6.96				46.10
1928				7.52	7.00	7.06	9.84	10.02	9.24				50.43
1929				6.64	5.33	9.83	10.37	11.03	7.62				50.62
1930				7.05	7.31	9.96	12.96	11.71	8.84				57.83
1931				4.64	6.88	10.66	10.83	9.06	10.90				52.99
1932				6.63	8.32	7.62	12.23	10.71	6.63				52.14
1933				7.74	8.92	12.90	11.39	8.05	8.28				52.73
1934				6.25	8.76	12.14	15.78	11.64	7.13				61.70
1935				6.39	5.59	7.90	12.11	11.05	7.09				50.13
1936				7.28	6.91	10.96	13.01	13.19	5.96				57.21
1937				6.62	8.30	9.29	13.48	10.93	7.17				55.63
1938				4.12	5.97	8.19	9.44	12.20	7.01				46.26
Mean				3.65	7.31	9.51	11.00	9.90	7.43				*48.80
Maximum				7.92	10.09	12.90	15.78	13.19	10.90				61.70
Minimum				4.12	5.33	6.37	9.09	6.32	5.26				41.66

\* Sum of Mean Months.  
 Station maintained by Bureau of Plant Industry.  
 Published in monthly Weather Review, 1914-1932. 1933-1938 from unpublished records.  
 Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep.  
 Reservoir Coefficient: 0.94



# EVAPORATION AT DALHART, TEXAS

Standard Bureau of Plant Industry Land Pan														Elevation 4,000 Feet	
Unit: Inches	Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.	
	1908				5.92	10.92	12.07	9.18	9.89	7.95				55.93	
	1909				8.53	9.90	10.89	11.69	10.57	7.84				59.42	
	1910				8.54	8.18	12.02	11.63	8.82	8.44				57.63	
	1911				7.56	9.90	12.37	9.71	10.90	8.77				59.21	
	1912				8.21	10.24	8.48	11.10	9.13	6.75				53.91	
	1913				7.69	10.06	8.71	12.70	10.77	6.34				56.27	
	1914				6.54	7.81	10.26	8.84	9.06	8.23				50.74	
	1915				5.78	8.08	8.74	9.26	7.92	6.85				46.53	
	1916				6.60	11.09	10.37	11.02	9.60	7.14				55.82	
	1917				8.56	9.07	11.70	11.00	9.61	7.46				57.40	
	1918				6.37	10.64	9.16	11.23	10.85	6.32				54.57	
	1919				5.58	6.99	7.48	9.87	8.29	6.93				45.14	
	1920				7.00	8.05	8.74	7.88	7.62	6.95				46.24	
	1921				6.83	7.43	6.91	7.66	7.35	8.30				44.48	
	1922				6.40	7.96	9.09	9.58	9.91	6.81				49.75	
	1923				6.16	7.47	7.43	8.14	8.34	5.82				43.36	
	1924				7.31	7.47	9.41	9.09	9.08	6.39				48.75	
	1925				7.39	7.04	9.72	9.04	6.60	5.57				45.36	
	1926				4.62	6.31	6.96	8.50	9.27	6.95				42.61	
	1927				7.27	10.73	9.53	9.08	6.64	5.17				48.42	
	1928				6.61	7.24	7.55	7.55	7.21	7.43				43.59	
	1929				7.30	6.43	8.29	9.84	8.18	6.29				46.33	
	1930				7.52	9.27	9.97	11.16	9.36	8.07				55.35	
	1931				5.19	7.36	10.62	10.53	7.73	8.15				49.58	
	1932				7.32	8.34	7.93	10.41	9.86	6.75				50.61	
	1933				7.57	10.55	13.08	12.40	10.33	8.47				62.40	
	1934				7.93	9.68	11.56	13.40	10.88	7.68				61.13	
	1935				7.93	7.34	9.72	11.17	9.57	6.44				52.17	
	1936				8.19	8.24	9.64	10.39	10.24	6.75				53.45	
	1937				7.72	9.60	10.43	11.23	10.60	7.32				56.90	
	1938				7.74	9.20	9.69	10.71	11.61	6.88				55.83	
Mean					7.09	8.66	9.63	10.16	9.22	7.14			*	51.90	
Maximum					8.56	11.09	13.08	13.40	11.61	8.77				62.40	
Minimum					4.62	6.31	6.91	7.55	6.60	5.17				42.61	

Notes: See reverse side.



EVAPORATION AT DAINHART, TEXAS

\* Sum of Mean Months.

Station maintained by Bureau of Plant Industry.

Published in Monthly Weather Review, 1908-1932. 1933-1938 from unpublished records.

Pan: Circular sunken land pan, 6 feet in diameter and 2 feet deep.

Reservoir Coefficient: 0.94

# EVAPORATION AT EAGLE NEST, NEW MEXICO

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 8,219 Feet	
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-October
1937					7.35	8.86	7.22	6.26	5.18	4.90			39.77
1938					7.16	7.41	7.02	7.79	4.53	4.24			38.15
Mean					7.25	8.13	7.12	7.02	4.85	4.57			*38.94

\* Sum of Mean Months.  
 Station maintained by U. S. Weather Bureau.  
 Published in "Climatological Data", U. S. Weather Bureau.  
 Pan: Circular land pan, 4 feet in diameter and 10 inches deep.  
 Reservoir Coefficient: 0.69

# EVAPORATION AT EL VADO DAM, NEW MEXICO

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 5,424 Feet	
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-October
1936					-	-	8.90	7.89	6.18	3.68	1.91		-
1937					-	8.73	8.96	9.03	7.05	4.66	-		-
1938					6.62	8.54	8.77	6.41	5.51	4.66	-		42.51
Mean					6.62	8.63	8.69	8.44	5.25	4.33			*43.15

\* Sum of Mean Months.  
 Station maintained by U. S. Weather Bureau.  
 Published in "Climatological Data", U. S. Weather Bureau.  
 Pan: Circular land pan, 4 feet in diameter and 10 inches deep.  
 Reservoir Coefficient: 0.69

REPORT OF THE COMMISSIONER

THE COMMISSIONER OF THE GENERAL LAND OFFICE, IN RESPONSE TO A RESOLUTION OF THE HOUSE OF REPRESENTATIVES, PASSED MAY 10, 1870, RELATIVE TO THE LANDS BELONGING TO THE UNITED STATES.

PRESENTED TO THE HOUSE OF REPRESENTATIVES, AT THE SECOND SESSION, 1870-71, IN SENATE REPORT NO. 100.

WASHINGTON: GOVERNMENT PRINTING OFFICE: 1871.

THE LANDS BELONGING TO THE UNITED STATES.

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WASHINGTON: GOVERNMENT PRINTING OFFICE: 1871.

THE LANDS BELONGING TO THE UNITED STATES.



# EVAPORATION NEAR FARMINGTON, NEW MEXICO

Unit: Inches		Colorado Type Floating Pan										Elevation 5,300 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1914	--	--	--	--	--	--	--	a3.51	3.89	2.79	2.20	1.18	--
1915	--	--	3.08	4.28	5.84	5.40	6.37	5.27	4.30	3.46	2.13	--	--
1916	b3.06	1.17	3.39	5.44	6.85	7.21	6.47	5.78	4.64	3.20	d1.85	0.68	--
1917	--	c0.48	2.80	5.55	6.50	7.35	6.66	5.82	4.85	4.34	2.86	1.69	--
1918	0.46	1.15	3.05	5.84	7.65	6.84	6.42	6.70	4.59	3.56	1.56	0.80	48.60
1919	--	--	4.20	7.24	6.50	9.10	5.91	5.97	4.99	3.64	2.63	0.78	--
1920	1.09	1.79	3.86	4.55	6.06	6.78	8.91	5.43	5.02	3.56	1.67	0.78	49.50
1921	1.03	1.52	3.08	5.31	6.77	6.73	8.59	5.36	5.60	3.50	1.83	0.82	50.14
1922	0.71	1.25	3.43	4.67	7.02	8.47	8.94	7.13	4.18	5.45	3.40	4.68	59.33
1923	3.38	2.82	5.95	4.94	9.34	8.93	7.25	5.36	3.64	3.65	2.39	1.28	58.93
1924	2.52	3.06	5.73	6.85	9.51	10.22	3.18	6.76	5.71	3.70	2.01	0.75	60.00
1925	h0.22	2.37	3.23	6.37	7.67	7.75	11.99	7.18	5.49	2.82	1.69	1.04	--
1926	1.21	2.53	4.28	3.80	5.94	--	--	--	5.37	3.40	--	1.22	--
1927	0.70	1.43	3.25	5.70	8.62	6.39	6.92	h0.48	4.67	5.09	2.75	1.00	--
1928	--	f2.28	4.05	6.34	6.49	9.45	10.20	5.51	5.68	3.71	1.74	0.96	--
1929	h0.08	h0.43	h0.22	--	h0.42	--	3.18	2.42	2.38	h0.68	--	h0.08	--
1930	g --	g --	4.00	5.97	7.05	7.91	6.77	6.00	4.66	3.41	1.73	g0.25	--
1931	g --	1.46	--	5.36	--	6.70	6.58	6.56	5.01	3.46	1.16	--	--
1932													
1933													
1934													
1935	0.88	1.84	3.75	6.21	7.08	10.03	8.86	6.85	5.15	4.44	2.23	1.18	58.50
1936	1.46	1.58	4.79	6.46	7.98	8.32	6.68	4.74	4.56	2.95	1.76	0.97	52.25
1937	--	--	3.37	7.37	6.61	7.42	5.04	5.21	4.08	3.26	2.60	1.38	--
1938	1.03	0.93	2.94	5.75	6.75	6.03	5.43	5.28	3.45	3.30	1.84	0.95	43.65
Mean	1.13	1.69	3.61	5.43	6.83	7.33	6.99	5.48	4.61	3.51	2.01	1.19	49.61*
Maximum	3.38	3.06	5.95	7.37	9.51	10.22	11.99	7.18	5.71	5.45	3.40	4.68	--
Minimum	0.46	1.15	2.80	3.80	5.84	5.40	3.18	2.42	2.38	2.79	1.16	0.68	--

Station maintained: 1914-1931, New Mexico State Engineer; 1935-1938, U. S. Weather Bureau.

Published in New Mexico State Engineer's reports and Climatological Data Summary.

Pan: 3 feet square and 1.5 feet deep. Floating.

Reservoir Coefficient: 0.83.

\* - Sum of mean months.

a - 11-31.

b - 12-5-15 to 1-31-16 from Water and Ice.

c - 17-28.

d - 1-17, 23-30.

e - 1-23

f - Includes part of previous month.

g - Water in pan frozen part of month.

h - Not indicated in report, but obviously an incomplete record.





# EVAPORATION AT PORTALES, NEW MEXICO

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 4,004 Feet	
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1934	-	-	-	9.75	11.46	14.67	15.39	12.36	10.25	7.40	4.68	3.16	-
1935	-	-	-	5.63	6.80	9.41	8.28	6.80	5.30	4.93	-	-	-
1936	2.35	-	8.48	10.47	11.29	12.33	10.74	11.45	6.92	5.18	3.64	1.87	-
1937	3.37	3.55	5.78	7.09	9.86	10.30	11.37	11.59	7.45	5.21	5.86	1.92	83.35
1938	3.05	2.94	6.82	8.90	10.65	12.30	11.34	12.51	7.03	7.17	5.34	5.60	94.65
Mean	2.92	3.25	7.03	8.37	10.01	11.80	11.43	10.94	7.39	5.95	5.13	5.14	87.37*
Maximum	3.37	3.55	8.48	10.47	11.46	14.67	15.39	12.51	10.25	7.40	5.34	5.60	-
Minimum	2.35	2.94	5.78	5.63	6.80	9.41	8.28	6.80	5.30	4.83	3.64	1.87	-

Station maintained by U. S. Weather Bureau.

Published in "Climatological Data", U. S. Weather Bureau.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69

\* Sum of Mean Months.

# EVAPORATION AT TITUS, NEW MEXICO

Unit: Inches		Standard Weather Bureau Class A Land Pan										Elevation 8,200 Feet	
Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1930	-	1.60	1.47	-	7.31	8.59	6.22	4.65	5.57	4.33	2.29	0.60	-
1931	-	-	-	5.70	7.78	9.83	7.92	6.43	5.40	4.49	-	-	-
1932	0.80	1.42	3.11	5.58	7.93	11.14	12.31	10.25	9.27	5.85	1.90	0.80	70.56
1933	-	-	-	-	-	-	-	-	-	-	-	-	-
1934	-	-	-	5.93	7.02	12.20	-	7.00	-	5.95	-	-	-
1935	-	-	-	5.63	6.80	9.41	8.28	6.80	5.30	4.83	-	-	-
1936	-	-	-	-	8.22	10.32	8.01	6.79	5.27	3.84	-	-	-
Mean	0.80	1.51	2.29	5.71	7.51	10.26	8.55	6.99	6.16	4.86	2.10	0.70	57.44*
Maximum	-	-	-	-	8.22	12.20	12.31	10.25	9.27	5.95	-	-	-
Minimum	-	-	-	-	5.90	8.59	6.22	4.65	5.27	3.84	-	-	-

Station maintained by New Mexico State Engineer.

Published in "Climatological Data", U. S. Weather Bureau.

Located on West Shore of Eagles Nest Reservoir, Taos County.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69

a - Partially estimated.

\* - Sum of Mean Months.





EVAPORATION AT SANTA FE, NEW MEXICO.

Unit: Inches		Standard U. S. Weather Bureau Class A Evaporation Pan.												Elevation 7,300 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual		
1913	--	--	--	--	8.36	6.65	7.23	6.37	5.54	5.15	3.29	2.66	--		
1914	1.96	2.20	3.85	5.65	5.95	10.19	6.24	5.97	6.28	4.41	4.43	--	--		
1915	--	--	--	--	--	--	--	--	--	--	--	--	--		
1916	--	--	--	--	--	--	--	--	--	--	--	--	--		
1917	3.14	2.88	5.58	7.22	7.64	11.89	9.95	9.04	6.79	5.94	3.36	2.39	75.82		
1918	1.08	2.30	3.81	6.13	9.78	10.24	9.29	8.17	6.68	4.30	1.96	1.47	65.21		
1919	1.59	1.02	2.70	5.50	8.29	9.38	6.81	7.47	5.43	3.84	2.80	1.57	56.40		
1920	1.59	2.10	3.91	5.56	8.52	9.04	8.61	7.50	6.53	4.64	2.01	1.71	61.72		
1921	1.38	2.32	4.53	6.44	8.88	8.68	8.13	6.64	6.91	4.93	3.26	1.48	63.58		
1922	1.42	2.16	3.60	5.77	10.18	10.45	10.26	8.92	7.12	5.18	1.86	1.26	68.18		
1923	1.81	0.96	3.44	6.28	8.58	10.60	8.75	6.71	4.77	3.82	1.97	1.06	58.75		
1924	0.92	2.24	2.96	5.64	8.35	11.99	8.81	9.28	7.76	6.15	3.30	1.20	68.60		
1925	1.54	2.28	5.08	8.22	9.01	10.29	9.53	7.47	6.75	4.47	2.03	0.77	67.44		
1926	0.83	3.01	3.94	4.76	5.92	8.78	9.18	9.44	6.71	4.83	2.93	1.02	61.35		
1927	1.72	2.10	4.03	6.70	12.24	9.31	9.31	8.09	5.46	5.29	2.87	1.08	68.20		
1928	1.45	1.93	4.31	6.02	6.84	11.21	10.01	7.55	7.51	4.58	1.59	1.66	64.66		
1929	1.26	1.95	3.73	7.05	9.67	11.85	8.41	6.86	6.62	4.51	1.89	1.41	65.21		
1930	1.40	2.71	3.60	7.28	8.59	10.74	8.19	7.22	6.86	4.28	1.93	1.20	64.00		
1931	1.23	2.46	3.73	5.50	8.63	10.73	8.99	7.43	5.53	4.51	2.17	1.82	62.73		
1932	1.83	2.56	3.44	7.06	8.81	10.00	9.15	5.59	4.69	2.44	a 2.08	a 1.13	58.78		
1933 a	1.35	a 2.36	4.36	a 6.47	7.66	8.36	8.89	7.65	6.39	3.91	a 2.00	a 1.13	60.61		
Mean	1.62	2.33	3.92	6.66	8.52	10.02	8.72	7.55	6.33	4.59	2.81	1.63	64.70*		
Maximum	3.14	3.01	5.58	8.22	12.24	11.99	10.26	9.44	7.76	6.15	4.43	2.66	75.82		
Minimum	.83	0.96	2.70	4.76	5.92	6.65	6.24	5.59	4.69	2.44	1.59	0.77	56.40		

a - Estimate as published in Water Bulletin No. 3 of International Boundary Commission.

Published in annual Climatological Summary of Santa Fe, N. M.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69.

\*-- Sum of mean months.





# EVAPORATION AT TUCUMCARI, NEW MEXICO

Unit: Inches		Standard Bureau of Plant Industry Land Pan												Elevation 4,194 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.		
1913				7.22	10.34	8.72	11.83	10.14	6.44				54.69		
1914				7.05	7.29	9.87	8.08	8.96	7.89				45.14		
1915				5.55	9.91	11.24	10.02	8.41	7.37				52.50		
1916				6.85	11.32	12.73	11.50	8.88	7.62				58.90		
1917				9.60	9.49	13.72	13.41	10.02	7.22				63.46		
1918				8.04	12.62	12.23	12.05	11.57	8.17				64.68		
1919				5.74	7.78	7.54	9.21	8.56	6.96				45.79		
1920				8.10	7.73	9.21	9.55	7.33	6.93				48.85		
1921				7.86	7.83	6.42	8.38	8.99	8.63				48.11		
1922				7.24	9.05	9.94	12.17	11.11	8.17				57.68		
1923				7.07	9.99	10.34	11.31	9.77	6.53				55.01		
1924				7.14	8.15	12.12	10.11	10.20	8.31				56.03		
1925				9.39	9.26	12.33	11.09	8.74	6.04				56.85		
1926				5.27	7.24	9.34	9.50	9.96	7.85				49.16		
1927				9.45	14.45	11.12	10.37	8.06	6.34				59.79		
1928				6.89	7.31	10.81	10.80	8.74	8.15				52.70		
1929				8.52	7.65	10.44	10.86	9.01	6.92				53.40		
1930				8.24	10.23	10.66	10.01	9.30	7.92				56.36		
1931				5.87	7.89	10.27	9.96	8.10	7.76				49.85		
1932				8.03	9.07	9.46	11.41	10.03	6.39				54.39		
1933				8.72	12.14	11.14	11.52	8.74	7.93				60.19		
1934				8.41	11.23	13.24	14.10	11.21	9.04				67.23		
1935				10.82	8.45	11.74	12.30	9.41	7.02				59.74		
1936				8.91	9.24	12.12	10.57	11.06	6.61				58.51		
1937				8.59	8.88	9.59	11.73	11.10	7.32				57.21		
1938				7.80	9.47	9.10	10.39	12.08	6.99				52.83		
Mean				7.78	9.38	10.59	10.85	9.59	7.40				55.59*		
Maximum				10.82	14.45	13.72	14.10	12.08	9.04				67.23		
Minimum				5.27	7.24	6.42	8.08	7.33	6.04				45.79		

Station maintained by Bureau of Plant Industry.

Published in monthly Weather Review, 1913-1932. 1933-1938 from unpublished records.

Pan: 1908-1916, circular sunken land pan, 8 feet in diameter and 2 feet deep, reservoir coefficient, 0.95;

1917-1938, 6 foot pan, 2 feet deep, reservoir coefficient, 0.94.

\*- Sum of mean months.



# EVAPORATION AT MYTON, UTAH

Unit: Inches		Standard Weather Bureau Class A Land Pan											Elevation 5,030 Feet	
Year		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-Sept.
1919					--	10.28	10.94	11.22	9.54	5.94	3.41	a0.41		51.33
1920					b4.37	c 5.99	d 5.48	9.92	7.51	5.67	3.84	--		--
1921					5.70	8.51	8.30	8.82	7.39	7.89	4.36	a0.30		45.27
1922					--	7.99	e 5.05	f 8.83	7.64	6.46	4.10	a0.26		--
1923					g4.60	8.06	10.38	10.50	7.94	6.23	1.40	--		--
1924					--	9.67	12.42	h10.14	9.84	6.23	4.01	a0.33		44.51
1925					i7.66	9.40	7.45	8.74	7.39	5.67	j3.30	--		62.31
1926					--	--	10.06	8.71	8.43	7.64	--	--		41.95
1927					--	--	j 8.56	j 9.16	7.86	j5.36	--	--		--
1928					--	--	j10.16	j10.11	--	j6.94	--	--		--
1929					--	8.10	10.54	8.66	7.95	4.93	--	--		--
1930					--	5.84	11.14	9.29	6.74	4.93	--	--		--
1931					--	8.81	9.05	10.02	--	6.29	--	--		--
1932					--	k 5.18	8.17	8.58	7.23	5.94	--	--		--
1933					--	l 3.40	10.56	8.86	7.74	6.33	m3.41	--		--
1934					--	7.83	7.58	9.31	7.23	6.10	n1.83	--		--
1935					--	6.20	9.40	8.79	6.60	5.34	--	--		--
1936					--	8.15	7.99	7.31	6.84	5.44	--	--		--
1937					--	p 3.52	7.11	6.36	5.88	4.77	3.26	--		--
1938					--	7.71	8.95	9.72	8.75	5.37	r1.82	--		--
Mean					--	8.20	9.16	9.17	7.69	5.99	3.46	--		43.67*
Maximum					--	10.28	12.42	11.22	9.84	7.89	4.36	--		--
Minimum					--	5.84	5.48	6.36	5.88	4.77	1.40	--		--

Station maintained by U. S. Indian Service on Weather Bureau Standards.

Pan: Published in "Climatological Data", U. S. Weather Bureau.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69.

\*- Sum of mean months.

a - 4 days only.	f - 2 days missing.	k - 14 days record.	r - 14 days record.
b - 7 days missing.	g - 7 days missing.	l - 29 days record.	
c - 10 days missing.	h - 1 day missing.	m - 21 days record.	
d - 9 days missing.	i - 27 days.	n - 7 days record.	
e - 4 days missing.	j - Partly estimated.	p - 15 days record.	





# EVAPORATION AT PIUTE DAM, UTAH

Standard Weather Bureau Class A Land Pan														Elevation 5,900 Feet	
Unit: Inches	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	May-Oct.	
	1919				7.89	9.14	13.25	11.77	10.52	8.11	4.20	--	--	56.99	
	1920				a1.80	9.65	13.85	12.75	9.61	7.60	5.14	2.47	--	58.60	
	1921				--	8.86	10.79	10.85	8.02	8.94	5.54	b1.88	--	53.00	
	1922				--	5.80	11.74	10.23	8.21	7.85	5.65	c0.18	--	49.48	
	1923				--	7.48	10.83	9.91	8.73	7.07	4.29	1.89	c0.66	43.31	
	1924				--	9.24	14.02	10.88	12.34	7.58	5.34	d0.37	--	59.40	
	1925				--	10.29	9.07	9.64	8.88	7.00	4.33	--	--	49.21	
	1926				--	8.23	11.52	10.03	10.12	9.03	5.79	--	--	54.72	
	1927				--	10.51	10.87	10.38	9.08	7.49	5.20	1.93	--	53.53	
	1928				--	8.22	11.80	11.32	10.28	8.49	5.04	--	--	55.15	
	1929				--	e 2.65	12.26	10.07	7.71	7.26	g 3.14	--	--	--	
	1930				--	8.26	11.54	10.31	8.31	7.16	3.81	--	--	49.39	
	1931				--	10.13	12.22	12.68	10.56	8.65	--	--	--	--	
	1932				--	--	10.45	10.65	10.40	7.28	3.62	--	--	--	
	1933				--	--	12.50	10.51	10.50	8.76	g 3.25	--	--	--	
	1934				--	11.10	11.14	13.07	9.30	8.74	g 4.66	--	--	--	
	1935				5.91	6.79	12.97	12.41	10.19	8.05	g 6.46	--	--	--	
	1936				--	11.46	11.05	9.08	9.46	7.93	--	--	--	--	
	1937				--	9.89	10.86	9.90	9.67	7.41	5.08	--	--	52.81	
	1938				--	--	10.50	11.11	9.54	6.40	4.26	--	--	--	
Mean					6.90	9.06	11.66	10.88	9.57	7.84	4.81	2.09	--	53.82*	
Maximum					--	11.46	14.02	13.07	12.34	9.03	5.79	--	--	58.60	
Minimum					--	5.80	9.07	9.08	7.71	6.40	3.62	--	--	48.31	

Station maintained by U. S. Weather Bureau.

Published in "Climatological Data", U. S. Weather Bureau.

Pan: Circular land pan, 4 feet in diameter and 10 inches deep.

Reservoir Coefficient: 0.69.

\*Sum of months.

a-7 days record.

b-11 days record.

c-2 days record.

d-1 days record.

e-5 days record.

g-14 days record.





# EVAPORATION AT UTAH LAKE (NEPHI), UTAH

Unit: Inches		Standard Bureau of Plant Industry Land Pan										Elevation 6,000 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1908				4.80	6.98	7.88	10.54	9.34	6.23				45.77
1909				3.64	5.99	8.80	9.45	7.04	5.60				40.52
1910				5.82	7.45	10.90	9.98	10.08	6.01				50.24
1911				4.94	8.40	8.68	8.70	10.47	6.69				47.88
1912				3.54	6.30	9.28	9.24	8.89	6.16				43.41
1913				5.94	7.47	8.31	9.53	8.25	5.25				44.75
1914				3.23	6.44	7.28	7.41	9.52	7.77				41.65
1915				4.31	4.74	8.42	11.15	10.64	6.25				45.51
1916				5.40	7.79	10.02	9.39	8.92	7.43				48.95
1917				4.03	3.95	8.21	9.79	9.17	6.15				41.30
1918				4.37	6.70	8.85	8.75	9.10	5.90				43.67
1919				5.05	7.19	11.36	11.94	9.37	6.61				51.52
Mean				4.59	6.62	8.16	8.82	9.23	6.34				43.76*
Maximum				5.94	8.40	11.36	11.94	10.64	7.77				51.52
Minimum				3.23	3.95	7.28	7.41	7.04	5.25				40.52

Station maintained by the Bureau of Plant Industry.

Published in monthly Weather Review.

Pan: Circular sunken land pan, 6 feet in diameter, 2 feet deep.

Reservoir Coefficient: 0.94.

\* Sum of mean months.

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# EVAPORATION AT AKRON, COLORADO

Unit: Inches		Standard Bureau of Plant Industry Land Pan										Elevation 4,650 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	April-Sept.
1908				4.74	7.71	7.64	8.47	7.83	8.55				44.94
1909				4.73	6.82	7.00	9.40	8.54	5.86				42.35
1910				6.39	5.80	8.72	9.76	7.14	5.81				43.62
1911				5.84	7.32	9.75	9.77	8.94	7.18				48.80
1912				--	7.10	6.75	7.62	7.05	4.65				--
1913				4.33	5.84	8.18	9.26	9.31	6.04				42.96
1914				4.29	5.61	7.51	8.65	8.36	7.44				41.86
1915				4.22	5.03	5.88	6.66	5.96	5.79				33.54
1916				6.21	7.81	7.98	11.12	7.22	6.84				47.18
1917				4.08	4.93	8.42	10.19	8.46	6.62				42.70
1918				4.10	6.78	9.33	9.25	7.68	4.28				41.42
1919				4.95	7.38	8.76	10.28	9.72	6.14				47.23
1920				4.79	6.84	6.96	8.58	6.92	6.82				40.91
1921				5.50	6.24	7.77	10.71	8.59	7.08				45.89
1922				4.28	6.79	8.22	9.20	8.85	7.23				44.57
1923				5.09	5.48	7.81	9.06	7.70	6.29				41.43
1924				--	7.65	8.64	10.54	10.15	6.00				--
1925				5.83	7.32	8.86	10.27	8.72	6.30				47.30
1926				5.57	6.74	8.27	8.46	8.98	6.36				44.38
1927				4.62	8.19	6.42	8.53	6.41	6.26				40.43
1928				5.23	6.89	6.86	8.01	8.84	7.32				43.15
1929				--	6.92	9.04	9.02	7.70	4.28				--
1930				--	5.41	8.23	8.92	6.80	5.99				--
1931				--	7.17	8.44	10.22	9.23	7.44				--
1932				5.75	7.31	8.00	11.26	10.23	6.63				49.18
1933				5.55	6.03	9.50	10.76	6.15	5.85				44.84
1934				5.67	8.82	10.66	11.29	9.63	6.55				2.62
1935				4.25	5.02	7.03	9.79	8.70	5.80				40.59
1936				5.55	6.11	9.05	11.91	8.87	7.34				48.83
1937				5.32	6.80	7.81	9.91	10.01	6.66				46.51
1938				4.69	5.59	7.53	9.66	10.07	5.67				43.21
Mean				5.06	6.63	8.09	9.56	8.35	6.39				44.06*
Maximum				6.39	8.82	10.66	11.91	10.23	8.55				52.62
Minimum				4.08	4.93	5.88	6.66	5.95	4.28				33.54

(Notes shown on reverse side)



# EVAPORATION AT AKRON, COLORADO (Continued)

Unit: Inches Standard Bureau of Plant Industry Land Pan Elevation 4,650 Feet

Station maintained by the Bureau of Plant Industry.

Published in Monthly Weather Review, 1908-1932. 1933-1938 from unpublished records.

Pan: 1909-1915, 8 foot circular pan, 2 feet deep (coefficient 0.95). 1916-1938 6 foot circular pan, 2 feet deep, (coefficient; 0.94.) (Sunken land pans.)

\*- Sum of mean months.

EVAPORATION AT FORT COLLINS, COLORADO

Unit:	Colorado Type Sunken Land Pan												Elevation 4,998 Feet	
	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1887	2.46	3.23	4.60	5.55	5.19	5.75	5.23	4.24	4.12	3.94	3.26	1.48	1.60	46.71
1888	--	--	--	--	4.45	7.70	7.00	4.06	3.94	3.94	2.17	1.35	0.99	--
1889	1.08	1.03	2.75	4.06	3.72	4.34	5.20	5.15	5.19	5.19	3.28	0.62	1.42	37.84
1890	0.86	2.36	3.58	3.50	4.32	5.71	5.44	5.76	3.69	3.69	2.71	1.32	1.10	40.35
1891	1.89	1.90	2.23	2.24	5.03	4.97	5.72	4.91	4.12	4.12	3.62	1.74	0.75	39.12
1892	2.51	2.15	2.78	3.58	3.49	4.20	4.69	5.64	5.11	5.11	3.33	1.93	1.13	40.54
1893	--	1.52	3.79	5.40	5.12	6.12	6.41	4.73	5.04	5.04	3.79	1.05	1.88	--
1894	1.14	1.15	1.95	4.61	4.66	5.01	4.74	4.88	3.77	3.77	3.75	1.64	1.22	38.52
1895	1.19	1.19	--	4.91	4.27	4.13	4.57	4.52	4.06	4.06	2.24	1.53	1.68	--
1896	2.64	2.25	2.39	4.71	5.91	5.09	5.23	5.80	3.34	3.34	2.94	1.62	1.25	43.17
1897	1.80	2.20	--	3.33	4.13	4.26	4.64	4.76	3.97	3.97	2.88	1.47	0.94	--
1898	1.12	1.31	2.53	4.65	3.90	5.67	7.33	6.57	5.57	5.57	4.64	1.36	0.67	45.32
1899	1.51	1.39	1.54	3.79	5.35	6.37	5.38	5.86	5.04	5.04	2.87	1.86	1.15	42.11
1900	0.96	1.55	2.32	3.12	4.53	5.51	6.26	5.43	4.55	4.55	3.74	2.10	1.54	41.61
1901	1.19	0.84	2.79	3.54	5.25	5.16	6.96	5.46	5.01	5.01	3.55	2.81	1.03	43.59
1902	0.91	1.25	1.58	4.08	5.06	5.73	5.49	6.20	4.41	4.41	2.89	1.81	0.85	40.26
1903	1.66	2.22	1.82	4.05	4.38	4.81	5.60	4.53	4.12	4.12	4.12	1.29	1.56	40.16
1904	0.91	2.74	3.32	5.64	4.04	5.72	5.13	4.08	3.27	3.27	2.77	1.57	1.24	40.43
1905	0.64	0.58	2.40	3.17	3.99	4.60	5.32	4.12	3.66	3.66	3.11	1.59	1.38	34.56
1906	1.55	1.09	4.14	3.64	4.37	5.49	4.26	4.62	3.33	3.33	3.74	1.36	0.72	38.31
1907	0.89	0.80	4.42	4.56	3.49	5.47	5.60	4.62	4.14	4.14	2.77	1.08	1.05	38.89
1908	1.04	1.60	3.96	6.17	4.70	5.01	4.52	3.79	5.03	5.03	3.18	0.89	0.26	40.15
1909	0.66	0.66	2.32	3.20	4.92	3.97	5.32	4.56	3.14	3.14	3.58	1.26	0.65	34.24
1910	0.73	2.02	--	5.29	4.54	6.46	6.59	5.15	4.49	4.49	4.38	2.05	1.54	--
1911	0.64	1.21	3.35	5.39	6.58	6.94	5.86	5.61	5.42	5.42	3.62	1.70	0.98	47.30
1912	0.92	0.68	0.73	4.43	6.63	5.09	5.15	5.71	4.36	4.36	3.00	1.52	1.66	39.88
1913	0.81	0.71	1.35	4.24	4.14	5.26	6.01	5.88	4.10	4.10	2.74	--	--	--
1914	0.68	0.62	2.37	3.26	4.23	5.86	5.81	5.49	4.96	4.96	3.22	1.93	1.36	39.79
1915	1.26	1.32	0.57	4.10	4.62	5.04	5.07	4.18	3.74	3.74	3.17	2.18	0.84	36.19





EVAPORATION AT FORT COLLINS, COLORADO (Continued)

Unit: Inches		Colorado Type Sunken Land Pan										Elevation 4,998 Feet	
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1916	0.84	0.87	4.29	4.24	6.06	6.37	6.50	5.63	4.60	2.79	1.20	1.10	44.59
1917	1.10	0.99	1.10	3.80	4.08	6.26	6.30	5.19	4.05	3.88	1.61	1.51	39.87
1918	2.19	1.98	3.68	4.04	6.56	5.92	5.57	6.35	2.85	2.39	1.72	1.84	45.09
1919	1.87	1.69	2.12	4.78	5.65	6.36	7.07	6.54	3.87	3.35	1.45	1.90	46.65
1920	1.90	1.64	3.27	4.32	5.51	5.05	6.20	5.74	4.87	3.29	1.87	1.88	45.54
1921	1.88	2.20	3.64	4.12	4.90	6.20	6.36	5.78	5.53	4.26	1.92	2.17	48.96
1922	1.98	1.79	2.64	3.67	6.34	7.36	7.11	7.26	5.43	3.89	1.38	1.25	50.10
1923	2.77	2.05	1.08	5.32	6.36	6.93	5.25	5.39	4.99	2.69	1.14	1.97	45.94
1924	1.63	1.39	1.36	3.77	5.33	6.52	6.71	7.62	4.85	3.29	2.73	1.79	46.99
1925	2.13	2.55	3.35	6.66	5.97	6.53	7.65	5.95	4.97	2.03	1.03	0.83	49.65
1926	0.83	1.84	2.04	3.66	4.83	5.98	5.75	6.99	5.43	4.28	1.84	2.04	45.51
1927	2.04	1.85	--	4.12	7.44	4.64	6.09	4.99	4.68	3.47	2.54	--	--
1928	--	--	--	4.98	4.65	4.48	6.40	6.69	5.31	3.43	--	--	--
1929	--	--	--	4.45	5.54	7.50	6.88	5.89	3.43	3.33	--	--	--
1930	--	--	--	4.29	4.78	7.40	6.75	4.93	4.47	3.34	--	--	--
1931	--	--	--	4.29	5.41	6.92	9.11	6.58	6.29	3.56	al.03	--	--
1932	--	--	--	5.63	5.91	6.33	7.51	6.24	5.60	3.96	--	--	--
1933	--	--	--	4.79	7.08	7.55	7.41	4.85	4.96	3.97	--	--	--
1934	--	--	--	4.42	5.81	7.61	8.09	6.45	4.92	4.69	--	--	--
1935	--	--	--	b5.80	3.28	6.13	6.83	7.00	b4.91	2.72	--	--	--
1936	--	--	--	c4.13	6.06	c6.35	6.88	5.71	5.23	2.68	--	--	--
1937	--	--	--	d3.89	5.53	5.08	6.24	7.65	5.84	3.92	el.45	--	--
1938	--	--	--	b4.03	4.83	5.07	6.46	6.30	b3.57	3.01	f2.37	--	--
Mean	1.41	1.56	2.62	4.36	5.06	5.76	6.08	5.54	4.53	3.31	1.61	1.30	43.14*
Maximum	2.77	3.23	4.60	6.66	7.44	7.70	9.11	7.65	6.29	4.69	2.81	2.17	50.10
Minimum	0.64	0.58	0.57	2.24	3.28	3.97	4.26	4.06	2.85	2.03	0.62	0.26	34.24

Notes shown on the reverse side.

# EVAPORATION AT FORT COLLINS, COLORADO (Continued)

Unit: Inches	Colorado Type Sunken Land Pan	Elevation 4,998 Feet
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Station maintained by Colorado Agricultural Experiment station on campus. Moved 4 times in 39 years.  
 Published in "The Climate of Colorado," Colorado Agricultural College, Bulletin 340, December, 1928.

1929-1938 from unpublished records.

Pan: Sunken Land Pan, 3 feet square and 3 feet deep.

Reservoir Coefficient: 0.80.

- a- 11 days only.
- b- Estimated to 30 days.
- c- 24 days only.
- d- 25 days only.
- e- 15 days only.
- f- 4½ days only.

\* Sum of mean months.

# EVAPORATION AT GARNETT, COLORADO

Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Elevation 7,576 Feet Seasonal
Year													
1927						8.84	8.02	6.18	5.00	3.74			--
1928				5.76	7.68	10.68	9.24	7.80	.6.00	4.44			--
1929					No record.								
1930				b1.72	9.22	9.43	7.93	6.84	5.94	4.36			--
1931				c4.69	8.47	10.45	9.42	7.87	5.93	4.74	d1.27		--
Mean				5.76	8.46	9.85	8.65	7.17	5.72	4.28			43.39*
Maximum				--	9.22	10.68	9.42	7.87	6.00	4.74			--
Minimum				--	7.68	8.84	7.93	6.13	5.00	3.74			--

Station maintained by the Colorado State Engineer on U. S. Weather Bureau standards.  
 Published in Regional Planning Report of Upper Rio Grande Basin by National Resources Committee.  
 Pan: Circular land pan, 4 feet in diameter and 10 inches deep.  
 Reservoir Coefficient: 0.69.  
 Location: 18 miles northwest of Alamosa, in the San Luis Valley, Colorado.

- a - 1-26.
- b - 8 days only.
- c - 15-30.
- d - 1-15.

\* - Sum of mean months.





# EVAPORATION AT PUEBLO, COLORADO

Unit: Inches Year	Colorado Type Floating Pan										Elevation 4,790 Feet	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. Seasonal
Reservoir No. 2												
1908	--	--	--	--	--	--	8.06	8.04	8.75	4.91	3.24	1.38
1909	1.87	1.13	3.22	4.27	5.43	7.52	9.73	5.62	7.20	5.48	--	--
mean	1.87	1.13	3.22	4.27	5.43	7.52	8.89	6.83	7.97	5.19	3.24	1.38

## Reservoir No. 3

1908	--	7.59	8.05	10.27	4.96	3.24	--
1909	8.01	9.77	8.02	7.67	4.65	1.44	--
mean	8.01	8.68	8.03	8.97	4.80	2.34	--

## Average of Means of Two Reservoirs, 1908-1909

1.87	1.13	3.22	4.27	5.43	7.76	8.78	7.43	8.47	4.99	2.79	1.38	57.52*
------	------	------	------	------	------	------	------	------	------	------	------	--------

Station maintained at Colorado Fuel & Iron Company Reservoirs, Pueblo.  
Published in annual report of the Colorado State Engineer, Vol. 18, P. 135.  
Reservoir Coefficient: 0.83.

\*Sum of mean months.





EVAPORATION AT WAGON WHEEL GAP, COLORADO  
Station A-1, Northern Exposure

Standard Weather Bureau Class A Land Pan												Elevation 9,601 Feet	
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
1919						3.73	3.52	3.11	1.66				
1920						3.81	3.19	2.61	a 1.54	b 0.36			11.40
1921						4.21	4.16	1.83	1.98	c 0.53			10.81
1922					d 0.96	5.16	3.49	2.41	2.00	b 0.48			12.78
1923					e 0.43	5.20	3.75	2.15	f 1.51				12.31
1924						3.21	2.94	3.07	2.27				14.29
1925						4.17	2.84	2.21	1.46				9.82
1926						4.21	3.41	2.81	1.89				11.71
Mean						5.20	4.16	3.11	2.27				11.94*
Maximum						3.21	2.84	1.83	1.46				
Minimum													

Station A-2, Southern Exposure

Standard Weather Bureau Class A Land Pan												Elevation 9,609 Feet	
Unit: Inches	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Seasonal
1919						4.59	4.87	5.31	4.13	a 2.71			
1920						5.12	4.80	4.65	3.98	e 1.90			18.09
1921						5.41	5.84	3.88	5.12	h 2.91			18.92
1922					d 1.34	6.68	6.26	4.56	4.58	i 3.95			20.39
1923					e 0.52	7.30	6.16	4.57	3.58	j 2.23			21.69
1924						5.15	5.39	6.00	5.15	k 1.58			24.61
1925						6.49	5.49	4.72	4.23				19.49
1926						5.82	5.54	5.65	4.89				22.52
Mean						7.30	6.26	4.92	4.46				20.74*
Maximum						4.59	4.80	3.88	3.58				
Minimum													

Station maintained by U. S. Weather Bureau.

Published in Monthly Weather Review, Supplement 30.

Pan: Circular land pan, 4 feet in diameter, and 10 inches deep.

Reservoir coefficient: 0.69.

(Notes shown on reverse side)

# EVAPORATION AT WAGON WHEEL GAP, COLORADO (Continued)

Station A-1, Northern Exposure

and

Station A-2, Southern Exposure

Elevation 9,601 Feet

Standard Weather Bureau Class A Land Pan

Unit: Inches

a - 27 days

b - 1st to 10th, inclusive.

c - 1st to 20th, inclusive.

d - 25th to 31st.

e - 28th to 31st.

f - 1st to 28th, inclusive

g - 1st to 19th, incl.

h - 1st to 27th, incl.

i - 29 days.

j - 1st to 25th, inclusive.

k - 1st to 11th, inclusive.

\* - end of mean months.



NOTES - MAXIMUM DISCHARGE DATA

South Platte River at South Platte, Colorado

1926 - Peak discharge estimated by the Colorado State Planning Commission.

South Platte River at Denver, Colorado

1909 - Peak gage height noted as estimate on original record.

1923 - Peak discharge estimated by the Colorado State Planning Commission.

Cache la Poudre River at Mouth of Canon, Colorado

1923 - Peak gage height from notes by the observer.

1924 - Peak gage height from notes by the observer.

1930 - Peak gage height by observer. Estimated discharge by the Colorado State Engineer.

Arkansas River at Pueblo, Colorado

1885-1909 - Peak discharges from USGS, Water Supply Paper No. 487.

1910-1920 - Discharges determined by the Colorado State Planning Commission from detailed studies of original records. Discharges are not in agreement with those published in Water Supply Paper No. 487.

1914 - Record for year is incomplete. Peak noted is highest actually recorded.

1917 - Charts missing, January 1 to June 24, Record of discharge from USGS, Water Supply Paper No. 487.

1921 - Peak discharge estimated by the Colorado State Engineer and the USGS.

1928 - Peak discharge estimated by the Colorado State Planning Commission.

Purgatoire River at Trinidad, Colorado

1904 - Peak discharge by the Colorado State Engineer.

San Antonio River at Mouth near Manassa, Colorado

1932 - Mean daily discharge estimated by the Colorado State Engineer.

1936 - Peak discharge estimated by the Colorado State Planning Commission.

Conejos River at Mouth near La Sauses, Colorado

1925 - Peak discharge estimated by the Colorado State Planning Commission.

San Juan River at Rosa, New Mexico

1927 - Peak discharge estimated by the Colorado State Planning Commission.

1936 - Peak day and gage height estimated by the USGS.

San Juan River at Blanco, New Mexico

1927 - Peak date and discharge estimated by the Colorado State Planning Commission.

1934 - Peak date estimated by the United States Geological Survey.





NOTES - MAXIMUM DISCHARGE DATA (cont'd)

Los Pinos River at Ignacio, Colorado

- 1911 - Peak discharge estimated by B. S. Clayton,  
Colorado state hydrographer.

Animas River at Durango, Colorado

- 1911 - Peak discharge estimated by B. S. Clayton,  
Colorado state hydrographer.  
1927 - Mean daily discharge estimated by the Colorado State  
Planning Commission.

Colorado River at Glenwood Springs, Colorado

- 1900  
1902-1911 - Peak gage height and date estimated from USGS  
records. Discharge applied by the Colorado State  
Planning Commission.  
1912 - Peak discharge estimated by the Colorado State Planning  
Commission.  
1914 - Peak discharge estimated by the Colorado State Planning  
Commission.  
1926 - Peak discharge estimated by the Colorado State Planning  
Commission.

# THE HISTORY OF THE

REIGN OF HENRY THE SECOND

BY JOHN GILBERT FROTHINGHAM

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## SOUTH PLATTE RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

South Platte River at South Platte, Colorado			South Platte River at Denver, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1890			1890	7-22	1,202
91			91	---	N. R.
92			92	---	N. R.
93			93	---	N. R.
94			94	---	N. R.
1895			1895	6- 2	1,940
96			96	7-25	758
97			97	8- 5	2,458
98			98	5-28	2,310
99			99	8- 5	1,420
1900			1900	4-29	3,570
01	5-2-3	1,100	01	6-15	1,390
02	4- 9	593	02	---	N. R.
03	6-17	1,684	03	6-17	1,240
04	7-24	1,307	04	6- 4	1,170
1905	6- 8	2,130	1905	5-21	2,110
06	5-26	1,230	06	5-27	1,020
07	7-29	2,170	07	7-29	2,120
08	8- 6	740	08	---	N. R.
09	9-15	2,790	09	8- 7	4,900
1910	3-10	710	1910	7-29	1,600 P
11	7-11	2,800 M	11	8-12	3,410 P
12	6-30	2,020	12	7-14	4,700 P
13	6-19	1,450	13	6-20	3,950 P
14	6- 2	3,200 P	14	5-21	6,720 P
1915	7- 5	1,500 P	1915	4-26	2,700 P
16	6-15	1,130 P	16	8- 4	3,130 P
17	6-20	2,020 P	17	5-22	2,430 P
18	6-24	3,000 P	18	6-24	1,030 P
19	8- 1	1,830 P	19	8- 1	4,530 P
1920	7-30	1,400 P	1920	5- 3	2,420 P
21	6- 8	6,320 P	21	6- 8	3,760 M
22	8- 5	1,710 P	22	7-25	3,860 P
23	7-16	1,860 P	23	7-12	E 4,700 P
24	6- 7	2,300 P	24	6- 4	2,930 P
1925	6-11	690 P	1925	8-12	1,530 P
26	6- 7	E 2,490 P	26	4-22	3,200 P
27	7- 2	1,160 P	27	8-14	2,080 P
28	5-30	1,960 P	28	6- 3	1,930 P
29	8- 9	2,320 P	29	8- 6	1,240 P
1930	8-14	2,110 P	1930	8- 4	3,320 P
31	7- 1	1,320 P	31	8-16	2,200 P
32	7-30	1,020 P	32	7-13	1,980 P
33	6- 2	2,080 P	33	9-10	21,350 P
34	5-30	765 P	34	- 9	2,000 P
1935	7-23	1,630 P	1935	5-31	12,310 P
36	8-12	2,920 P	36	8-12	4,020 P
37	6-28	1,260 P	37	6- 1	3,280 P
38	5-30	1,630 P	38	8-28	5,470 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
 N.R.: No record. E: Estimated. M: Discharge measurement.



# SOUTH PLATTE RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

### Big Thompson River near Drake, Colorado

Year	Date	Discharge	Year	Date	Discharge
1888	6-16	752	1914	---	N. R.
89	5-31	546	15	---	N. R.
1890	7-21	1,600	16	---	N. R.
91	6-25	1,180	17	7-24	629 M
92	6-21	200	18	6-19	1,310 M
93	---	N. R.	19	7-31	8,000 P
94	---	N. R.	1920	6- 9	1,620 P
1895	6- 2	823	21	6- 7	3,000 P
96	6- 3	483	22	6-14	1,100 P
97	6-11	850	23	6-9-10	3,590 P
98	6-24	605	24	6-15	2,960 P
99	6-20	1,360	1925	5-30	640 P
1900	5-30	1,800	26	6- 7	1,970 P
01	---	N. R.	27	6-29	1,060 P
02	6-10	710	28	5-31	1,800 P
03	6-18	1,020	29	7-28	1,580 P
04	---	N. R.	1930	8-14	1,590 P
1905	6- 9	1,770	31	6- 7	1,220 P
06	7- 7	2,600	32	6-16	961 P
07	7-27	1,580	33	6-14	1,340 P
08	7-30	1,250	34	5-31	503 P
09	6-20	1,740	1935	6-16	1,770 P
1910	6- 3	574	36	6-28	1,320 P
11	6- 9	644	37	6-26	1,460 P
12	---	N. R.	38	9- 1	5,600 P
13	---	N. R.			

P: Momentary peak discharge. All other values represent mean daily discharge.  
M: Discharge measurement. N.R.: No record.

From 1888 to 1911, discharge for station at Arkins.

From 1917 to 1920, discharge for station  $1\frac{1}{2}$  miles east of Drake.

From 1921 to 1926, discharge for station 1 mile east of Drake.

From 1927 to 1933, discharge for station 6 miles east of Drake, at mouth of  
canyon.

From 1934 to 1937, discharge for station below Power plant, near Drake.

For 1938, discharge for station 6 miles east of Drake, at mouth of canyon.





# SOUTH PLATTE RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

### Cache la Poudre River at Mouth of Cañon, Colorado

Year	Date	Discharge	Year	Date	Discharge
1884	6-28	5,610	1911	6- 9	2,470 F
1885	6- 5	3,860	12	6-27	3,830 F
86	5-29	2,660	13	5-31	2,680 F
87	5-29	2,380	14	6- 2	5,300 F
88	6-19	1,560	1915	6-20	2,700 P
89	6- 1	1,960	16	6-18	2,370 P
1890	6- 2	1,800	17	6-23	6,800 F
91	6- 9	5,060	18	6-20	3,240 F
92	6-21	2,540	19	5-29	1,580 F
93	6-12	2,950	1920	6- 9	4,600 P
94	6- 6	3,670	21	6- 8	5,250 F
1895	6-10	3,450	22	6-14	4,450 F
96	---	N. R.	23	6-15	E 8,550 F
97	5-24	3,160	24	6-15	E 6,940 F
98	6-17	1,658	1925	6-22	1,800 F
99	6-21	3,970	26	6- 7	4,350 F
1900	5-29	4,560	27	6-10	2,420 F
01	5-22	5,100	28	5-29	4,080 F
02	6-11	1,720	29	6- 9	3,740 F
03	6-18	3,770	1930	5-31	E 9,500 F
04	6-24	2,240	31	6- 8	2,100 P
1905	6- 9	4,290	32	5-23	3,240 F
06	6-13	2,810	33	6- 5	3,550 F
07	6-16	3,790	34	5-10	1,660 F
08	6-12	1,861	1935	6-16	4,850 F
09	6-19	5,401	36	6- 1	3,290 F
1910	6- 2	2,150 F	37	6- 2	2,020 F
			38	6-22	6,180 F

P: Momentary peak discharge. All other values represent mean daily discharge.

E: Estimated.

N.R. No record.





# ARKANSAS RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Arkansas River at Pueblo, Colorado					
Year	Date	Discharge	Year	Date	Discharge
1885	6- 5	4,530	1911	7- 6	4,900 P
86	5-29	7,660	12	7-31	10,720 P
87	7-18	6,520	13	7-24	8,060 P
88	---	N. R.	14	8- 3	E 9,800 P
89	---	N. R.	1915	8-18	21,000 P
1890	---	N. R.	16	8-13-14	6,370 P
91	---	N. R.	17	6-19	6,800 P
92	---	N. R.	18	6-23	9,500 P
93	---	N. R.	19	9- 4	5,970 P
94	5-31	39,100	1920	7-19	9,200 P
1895	7-31	5,000	21	6-3-4	E 103,000 P
96	8-18	3,440	22	8- 6	7,000 P
97	6- 2	3,750	23	7-12	25,600 P
98	7-13	5,380	24	6-15	6,200 P
99	6-20	4,890	1925	7- 3	4,950 P
1900	6- 2	6,980	26	6-14	4,520 P
01	5-21	10,700 P	27	7-22	12,400 P
02	8- 5	8,320	28	7-21	E 7,450 P
03	6- 9	6,100	29	7-28	10,500 P
04	6-15	3,310	1930	8-28	6,430 P
1905	6-10	6,460	31	9- 1	3,740 P
06	6-14	4,880	32	6-26	4,380 P
07	7-28	4,640	33	8- 2	8,630 P
08	6-15-16	1,930	34	8- 3	2,580 P
09	8-18	5,800 P	1935	5-18	9,860 P
1910	7-12	8,200 P	36	5-24	11,180 P
			37	8-29	9,250 P
			38	8-26	11,100 P

P: Momentary peak discharge. All other values represent mean daily discharge.

E: Estimated

N.R.: No record.

RECEIVED

No.	Name	Date	Remarks	Initials
1	Joseph Henry	1845		
2	James Clerk Maxwell	1861		
3	Michael Faraday	1831		
4	William Gilbert	1839		
5	André-Marie Ampère	1820		
6	Luigi Galvani	1780		
7	Benjamin Franklin	1752		
8	Thomas Edison	1879		
9	Nikola Tesla	1887		
10	Albert Einstein	1905		

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# ARKANSAS RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Purgatoire River at Trinidad, Colorado			Purgatoire River at Nine-Mile Dam, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1895					
96					
97	8- 8	2,030			
98	9-11	1,280			
99	7-14	2,090			
1900	---	N. R.			
01	---	N. R.			
02	---	N. R.			
03	---	N. R.			
04	9-30	E 45,000 P			
1905	---	N. R.			
06	---	N. R.			
07	---	N. R.			
08	8-22	2,600			
09	9- 9	1,850			
1910	5- 3	650			
11	7-21	6,100 M			
12	7-15	632			
13	---	N. R.			
14	---	N. R.			
1915	---	N. R.			
16	6- 4	1,900			
17	8-17	555			
18	7-10	1,440			
19	7-27	2,870			
1920	8-26	1,280			
21	6- 4	2,530			
22	6-12	7,400 P			
23	10- 1	19,800 P			
24	8-13	5,260 P			
1925	7-22	33,000 P	1925	8- 4	16,500 P
26	7-26	5,730 P	26	7-11	7,600 P
27	7-29	20,000 P	27	8- 3	30,100 P
28	8-17	15,300 P	28	5-11	3,400 P
29	5-30	13,200 P	29	8- 7	55,000 P
1930	7-31	13,900 P	1930	5-15	7,300 P
31	7- 3	9,520 P	31	5-30	2,240 P
32	8- 7	8,050 P	32	7-22	5,600 P
33	8- 1	4,780 P	33	8-29	8,680 P
34	7-27	1,920 P	34	9-15	64,500 P
1935	8-30	10,700 P	1935	7-22	16,180 P
36	7-30	10,860 P	36	8- 7	10,800 P
37	8-30	15,030 P	37	7-18	10,000 P
38	6- 4	14,750 P	38	8-11	8,050 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
M: Discharge measurement. N.R.: No record. E: Estimated.





# RIO GRANDE BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Rio Grande near Del Norte, Colorado			Conchos River near Mogote, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1890	5-27	5,950			
91	5- 7	5,650			
92	5-24	4,710			
93	5-18-19	3,320			
94	5-20	3,570			
1895	6-12	3,690			
96	5- 3	3,510			
97	5-27	5,230			
98	6- 3	5,270			
99	5-11	2,320			
1900	5-29	5,450			
01	5-21	4,480			
02	5- 3	1,790			
03	6-17	6,020	1903	6- 8	3,380
04	10- 9	3,100	04	9-30	1,900
1905	6- 5	10,000	1905	6- 5	3,872
06	6-13	7,670	06	6-13	3,290
07	6-30	7,400	07	7- 1	2,770
08	6-11	4,130	08	6-11	1,810
09	6- 6	6,870	09	6- 6	3,120
1910	6-18	5,260	1910	5-12	1,920
11	10- 5	17,600 P	11	10- 5	6,000 E
12	5-30	7,270 P	12	5-23	4,290
13	5-27	3,805	13	5-26-27	1,840
14	6- 3	5,815	14	6- 4	2,345
1915	6-20	4,790 P	1915	6-19	2,900 P
16	5-11	5,020 P	16	6-11	3,220 P
17	6-15	8,570 P	17	6-23	3,340 P
18	6-11	3,910 P	18	6-12	2,490 P
19	6-23	5,940 P	19	5-30	2,740 P
1920	5-26	7,840 P	1920	5-22	4,630 P
21	6-14	13,200 P	21	6-13	3,180 P
22	5-28	8,260 P	22	5-27	3,640 P
23	5-26	5,210	23	5-27	3,530 P
24	6-15	5,980 P	24	6-15	2,780 P
1925	6- 5	3,560 P	1925	5-20	1,770 P
26	6- 6	5,480 P	26	6- 7	2,580 P
27	6-29	14,600 P	27	6-30	3,850 P
28	5-31	4,920 P	28	5-31	2,520 P
29	6- 7	5,880 P	29	6- 5	2,820 P
1930	5-30	4,430 P	1930	5-30	2,060 P
31	6- 3	2,690 P	31	6- 3	1,720 P E
32	6-16	5,510 P	32	6-16	3,060 P
33	6- 2	4,930 P	33	6- 2	2,640 P
34	5-10	2,980 P	34	5-10	1,310 P
1935	6-16	6,520 P	1935	6-16	3,680 P
36	5- 5	4,000 P	36	5- 5	2,380 P
37	5-18	3,920 P	37	5-18	3,260 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
 E: Estimate.

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RIO GRANDE BASIN

MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

San Antonio River near Ortiz, Colorado			Los Pinos Creek near Ortiz, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1915	5-13	150	1915	5-13	1,400 P
16	---	N. R.	16	5-9-10	1,580 P
17	---	N. R.	17	5-16	1,750 P
18	---	N. R.	18	5-15	998 P
19	5- 1	375	19	5-5-6	1,550 P
1920	5-22	1,200	1920	5-21	2,320 P
21	---	N. R.	21	---	N. R.
22	---	N. R.	22	---	N. R.
23	---	N. R.	23	---	N. R.
24	---	N. R.	24	---	N. R.
1925	4-17	182	1925	7-10	1,200 P
26	5- 6	900 P	26	5-5-6	1,450 P
27	5- 5	640 P	27	5-17	1,600 P
28	5- 1	470 P	28	5- 8	1,220 P
29	5-4-5	490 P	29	5-5-9	1,340 P
1930	7-18	790 P	1930	5-21	1,100 P
31	5- 8	470 P	31	5-17	679 P
32	5-20	624 P	32	5-17	1,640 P
33	5-21	483 P	33	5-20	1,460 P
34	4-12	79 P	34	4-12	559 P
1935	5-10-11	418 P	1935	5-27	1,420 P
36	8- 4	1,280 P	36	4-21	1,640 P
37	4-15	1,750 P	37	5- 9	2,770 P
38	5- 1	917 P	38	4-30	2,270 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
 N.R.: No record.

Data collected from the field		Data collected from the laboratory	
Location	Time	Location	Time
1. 1000 ft. above the ground	10:00 AM	1. 1000 ft. above the ground	10:00 AM
2. 1000 ft. above the ground	11:00 AM	2. 1000 ft. above the ground	11:00 AM
3. 1000 ft. above the ground	12:00 PM	3. 1000 ft. above the ground	12:00 PM
4. 1000 ft. above the ground	1:00 PM	4. 1000 ft. above the ground	1:00 PM
5. 1000 ft. above the ground	2:00 PM	5. 1000 ft. above the ground	2:00 PM
6. 1000 ft. above the ground	3:00 PM	6. 1000 ft. above the ground	3:00 PM
7. 1000 ft. above the ground	4:00 PM	7. 1000 ft. above the ground	4:00 PM
8. 1000 ft. above the ground	5:00 PM	8. 1000 ft. above the ground	5:00 PM
9. 1000 ft. above the ground	6:00 PM	9. 1000 ft. above the ground	6:00 PM
10. 1000 ft. above the ground	7:00 PM	10. 1000 ft. above the ground	7:00 PM

Notes: 1. The data were collected from the field and the laboratory. 2. The data were collected from the field and the laboratory. 3. The data were collected from the field and the laboratory. 4. The data were collected from the field and the laboratory. 5. The data were collected from the field and the laboratory. 6. The data were collected from the field and the laboratory. 7. The data were collected from the field and the laboratory. 8. The data were collected from the field and the laboratory. 9. The data were collected from the field and the laboratory. 10. The data were collected from the field and the laboratory.

# RIO GRANDE BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

San Antonio River at mouth near Manassa, Colorado			Conejos River at mouth near La Sausas, Colorado*		
Year	Date	Discharge	Year	Date	Discharge
1921			1921	6-14	2,440 P
22			22	5-28	3,350 P
23	5- 8	1,290 P	23	5-28	3,190 P
24	5- 5	1,890 P	24	5-13	3,640 P
1925	4-18	699 P	1925	5-21	E 700 P
26	5- 6	1,310 P	26	5-21-22	2,610 P
27	5-16	1,170 P	27	7- 1	3,260 P
28	5- 2	846 P	28	6- 1	2,150
29	5-10	1,290 P	29	5-26-27	2,620 P
1930	4-26	1,010 P	1930	6- 1	1,510 P
31	5- 8	320 P	31	8-11	344 P
32	5-23	E 1,550	32	5-24	3,650 P
33	5-21	1,200 P	33	6-2-3	2,100 P
34	4-13	108 P	34	2- 8	90
1935	5-30	1,160 P	1935	6-17	2,800 P
36	4-23	E 1,400 P	36	4-24	2,350 P
37	4-16	1,680 P	37	5-16	3,520 P
38	5- 1	1,530 P	38	5- 2	2,860 P

P: Momentary peak discharge. All other values represent mean daily discharge.

E: Estimated .

\* Sum of two channels.





# SAN JUAN RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

San Juan River at Rosa, New Mexico			San Juan River at Blanco, New Mexico		
Year	Date	Discharge	Year	Date	Discharge
1895	6-19	2,370			
96	5- 6	4,680			
97	5-20	6,470			
98	4-25	5,030			
99	5-13	2,620			
1900	---	N. R.			
01	---	N. R.			
02	---	N. R.			
03	---	N. R.			
04	---	N. R.			
1905	---	N. R.			
06	---	N. R.			
07	---	N. R.			
08	---	N. R.			
09	---	N. R.			
1910	---	N. R.			
11	10- 5	34,370			
12	5-19	7,030			
13	5-27	4,680			
14	6- 1	9,690			
1915	7-27	7,990			
16	3-23	8,700			
17	6-14	8,620			
18	6-12	4,520			
19	4-24	5,580			
1920	5-21	15,800			
21	6-15	9,120			
22	5- 7	7,510 P			
23	5-27	5,760			
24	4-14	8,050 P			
1925	9-19	3,780 P			
26	5- 6	7,040 P			
27	6-29	E 16,460 P			
28	5- 3	5,700 P			
29	4- 5	19,840 P			
1930	5-30	4,510 P			
31	5-18	3,710 P			
32	5-20	9,080 P			
33	6- 2	6,360 P			
34	9-24	6,360 P			
1935	6-16	10,010 P			
36	5- 6	E 6,580 P			
37	5-18	8,200 P			
38	5-29	E 9,480 P			
			<p>* Gage washed away during June, 1927 flood. Discharge probably larger than in September.</p>		
			1927	E 9-11	E 20,100 P*
			28	5-31	8,050 P
			29	8-11	17,530 P
			1930	5-31	7,220 P
			31	5-18	5,010 P
			32	8-21	17,860 P
			33	6- 2	10,860 P
			34	E 9-24	7,010 P
			1935	9-27	17,700 P
			36	5- 6	9,150 P
			37	4-16	17,950 P
			38	5-29	13,500 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
 N.R.: No record. E: Estimate.

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# SAN JUAN RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Los Pinos River near Bayfield, Colorado			Los Pinos River near Aztec, Colorado		
Year	Date	Discharge	Year	Date	Discharge
			1899	8- 4	1,350
			1900	---	N. R.
			01	5-15	1,570
			02	---	N. R.
			03	6- 2	2,740
			04	---	N. R.
			1905	---	N. R.
			06	6-12-13	7,000
			07	---	N. R.
			08	---	N. R.
			09	---	N. R.
			1910	---	N. R.
			11	10- 5	E 10,000 P
			12	5-13	1,630
			13	5-27	1,500
			14	6- 2	4,120
			1915	6-19	2,640
			16	10-11	3,500
			17	6-19	2,860
			18	9-11	1,580
			19	5-30	2,500
			1920	5-22	2,910
			21	6-10	2,960
			22	6-9-10	2,550
			23	6- 2	2,470
			24	6-14	2,220 P
			1925	9-19	2,510 P
			26	6- 5	2,160 P
			27	6-28	5,290 P
			28	5-29	1,710 P
			29	8-11	3,410 P
			1930	5-30	1,850 P
			31	5-18	1,340 P
			32	8-27	5,570 P
			33	6- 2	2,820 P
			34	9-24	1,120 P
			1935	6-16	4,230 P
			36	5- 6	2,870 P
			37	5-15	2,990 P
			38	6-29	3,940 P
1926	5-26	5,070			
27	6-29	10,500 M			
28	6- 1	2,360 P			
29	7-31	3,220 P			
1930	5-30	2,070 P			
31	6- 1	1,500 P			
32	5-22	2,790 P			
33	6- 2	2,620 P			
34	9-23	1,440 P			
1935	6-16	4,020 P			
36	5- 5	2,560 P			
37	5-15	2,850 P			
38	6-29	3,960 P			

P: Momentary peak discharge. All other values represent mean daily discharge.

M: Discharge measurement.

E: Estimated.

N.R.: No record.



# SAN JUAN RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Animas River at Durango, Colorado			La Plata River at Hesperus, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1895	8-14-15	990			
96	9-24	7,800			
97	5-25	5,700			
98	6-23	4,680			
99	5-14	3,240			
1900	5-28	3,830			
01	---	N. R.			
02	5-11	2,740			
03	6-19	4,750			
04	---	N. R.			
1905	6- 4	8,470			
06	---	N. R.	1906	5- 7	758
07	---	N. R.	07	---	N. R.
08	---	N. R.	08	---	N. R.
09	---	N. R.	09	---	N. R.
1910	5-31	4,100	1910	---	N. R.
11	10- 5	E 20,000 P	11	---	N. R.
12	5-30	6,990	12	---	N. R.
13	5-27	3,700	13	---	N. R.
14	6- 2	8,330	14	---	N. R.
1915	6-22	4,430	1915	---	N. R.
16	6-11	6,140	16	---	N. R.
17	6-16-17	8,460	17	6-10	722
18	6- 9	4,400	18	5-15	194
19	5-28	5,600	19	4-23	523
1920	5-22	9,260	1920	5-22	840 P
21	6-14	9,300	21	6- 9	504 P
22	6-10	7,710 P	22	5-30	510 P
23	5-28	4,680	23	5-25	1,380 P
24	6-14	4,520 P	24	5-7-8	631 P
1925	9-19	5,840 P	1925	9-19	372 P
26	6- 6	4,440 P	26	5-20	630 P
27	6-29	E 18,000	27	6-28	1,450 P
28	6- 1	4,430 P	28	5-28	444 P
29	5-26	4,970 P	29	5-14	402 P
1930	6-13	4,090 P	1930	5-29	217 P
31	6- 4	2,230 P	31	5-18	160 P
32	5-22	5,270 P	32	8-27	685 P
33	6- 2	5,370 P	33	6- 1	446 P
34	5-10	2,410 P	34	4-12	122 P
1935	6-16	6,710 P	1935	6-15	549 P
36	5- 6	3,890 P	36	5- 5	402 P
37	5-18	4,970 P	37	5-16	592 P
38	6-30	7,180 P	38	9- 3	512 P

P: Momentary peak discharge. All other values represent mean daily discharge.  
 E: Estimated. N.R.: No record.





# COLORADO RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Blue River at Dillon, Colorado			Snake River at Dillon, Colorado		
Year	Date	Discharge	Year	Date	Discharge
1911	7- 6	840	1911	6- 6	425
12	6-27	1,020	12	6-28	540
13	6-18	548	13	6-13	364
14	6- 2	1,200	14	6-16	1,040 *
1915	6-16	715 *	1915	6-21	660 *
16	6-20	520 *	16	6-16	430 *
17	6-18	950 *	17	6-24	840 *
18	6-16	900 *	18	6-15	1,170 *
19	5-27	510 *	19	5-28	425 *
1920	6- 1	775 P	1920	Station discontinued.	
21	6-10	1,100 P	21	---	N. R.
22	6- 9	486 P	22	---	N. R.
23	6-16	1,000 P	23	---	N. R.
24	6-14	1,180 P	24	---	N. R.
1925	5-31	393 P	1925	---	N. R.
26	6- 7	1,130 P	26	---	N. R.
27	6-29	645 P	27	---	N. R.
28	5-30	1,050 P	28	---	N. R.
29	6- 9	598 P	29	---	N. R.
1930	5-31	592 P	1930	6-12	780 P
31	6- 8	505 P	31	6- 7	491 F
32	5-23	499 P	32	6-15	635 F
33	6- 6	733 P	33	6-19	1,010 F
34	5-30-31	401 P	34	5-20	437 F
1935	6-15	809 P	1935	6-13	1,200 F
36	5-31	777 P	36	5-30	825 F
37	6-26	576 P	37	6-25	556 F
38	6- 6	732 P	38	6-21	884 F

P: Momentary peak discharge. All other values represent mean daily discharge.

\*: Maximum observed staff reading.

N.R.: No record.





# COLORADO RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

Ten Mile Creek at Dillon, Colorado			Colorado River at Glenwood Springs, Colorado		
Year	Date	Discharge	Year	Date	Discharge
			1900	5-30	E 19,960 P
			01	5-28	17,700
			02	5-16	E 12,020 P
			03	5-18	E 16,320 P
			04	6-14	E 13,730 P
			1905	6- 6	E 22,540 P
			06	6-14	E 22,110 P
			07	6-17	E 20,400 P
			08	6-12	E 11,480 P
			09	6-21	E 27,480 P
			1910	6- 1	E 14,820 P
			11	6-10	E 15,700 P
			12	6- 9	E 28,130 P
			13	6- 1	13,150 P
			14	6- 3	E 28,040 P
			1915	6-21	13,360 P
			16	6-14	14,600 P
			17	6-19	29,420 P
			18	6-14	30,060 P
			19	5-30	12,320 P
			1920	6- 1	24,130 P
			21	6-15	28,990 P
			22	6-10	16,090 P
			23	6-17	20,390 P
			24	6-15	24,480 P
			1925	5-31	11,170 P
			26	6- 7	E 23,900 P
			27	5-22	18,370 P
			28	5-31	27,360 P
			29	6-10	21,420 P
			1930	6- 1	15,530 P
			31	6- 8	9,710 P
			32	5-24	17,280 P
			33	6-13	20,750 P
			34	5-13	8,140 P
			1935	6-16	21,310 P
			36	6- 1	16,900 P
			37	5-17	11,420 P
			38	6- 6	20,900 P
1911	6- 2	1,160			
12	6-10	1,310			
13	5-26	1,160			
14	6- 3	1,440			
1915	6-21	975 *			
16	6-12	902 *			
17	6-16	1,530 *			
18	6-11	1,610 *			
19	5-21	897 *			
1920	Station discontinued.				
21	---	N. R.			
22	---	N. R.			
23	---	N. R.			
24	---	N. R.			
1925	---	N. R.			
26	---	N. R.			
27	---	N. R.			
28	---	N. R.			
29	---	N. R.			
1930	5-30	1,400 P			
31	5-25	1,170 P			
32	5-22	1,080 P			
33	6- 1	2,010 P			
34	5- 9	692 P			
1935	6-11	1,350 P			
36	5-30	1,170 P			
37	5-15	699 P			
38	6- 3	1,380 P			

P: Momentary peak discharge. All other values represent mean daily discharge.  
 E: Estimated. N.R.: No record. \*: Maximum observed staff reading.



# COLORADO RIVER BASIN

## MAXIMUM DISCHARGE IN CUBIC FEET PER SECOND

### Taylor River at Almont, Colorado

Year	Date	Discharge
1911	6- 5	2,120
12	6- 6	2,340
13	5-28	1,640
14	6-15	3,140
1915	6-20	1,560
16	6-17	2,980 *
17	6-18	3,300
18	6-13	3,220
19	6-22	1,600
1920	6- 9	3,760 *
21	6-15	3,680 *
22	5-30	2,420 P
23	6-16	2,200 P
24	6-14	2,760 P
1925	5-28	1,290 *
26	6- 7	2,320 P
27	5-22	2,080 P
28	5-31	2,780 P
29	5-26	2,320 P
1930	6-13	2,040 P
31	5-18	824 P
32	5-19	1,460 P
33	6- 5	1,820 P
34	5-10	892 P
1935	6-16	2,390 P
36	5-26	2,020 P
37	5-16	1,560 P
38	6- 6	1,920 P

P: Momentary peak discharge. All other values represent mean daily discharge.

\*: Maximum observed staff reading.



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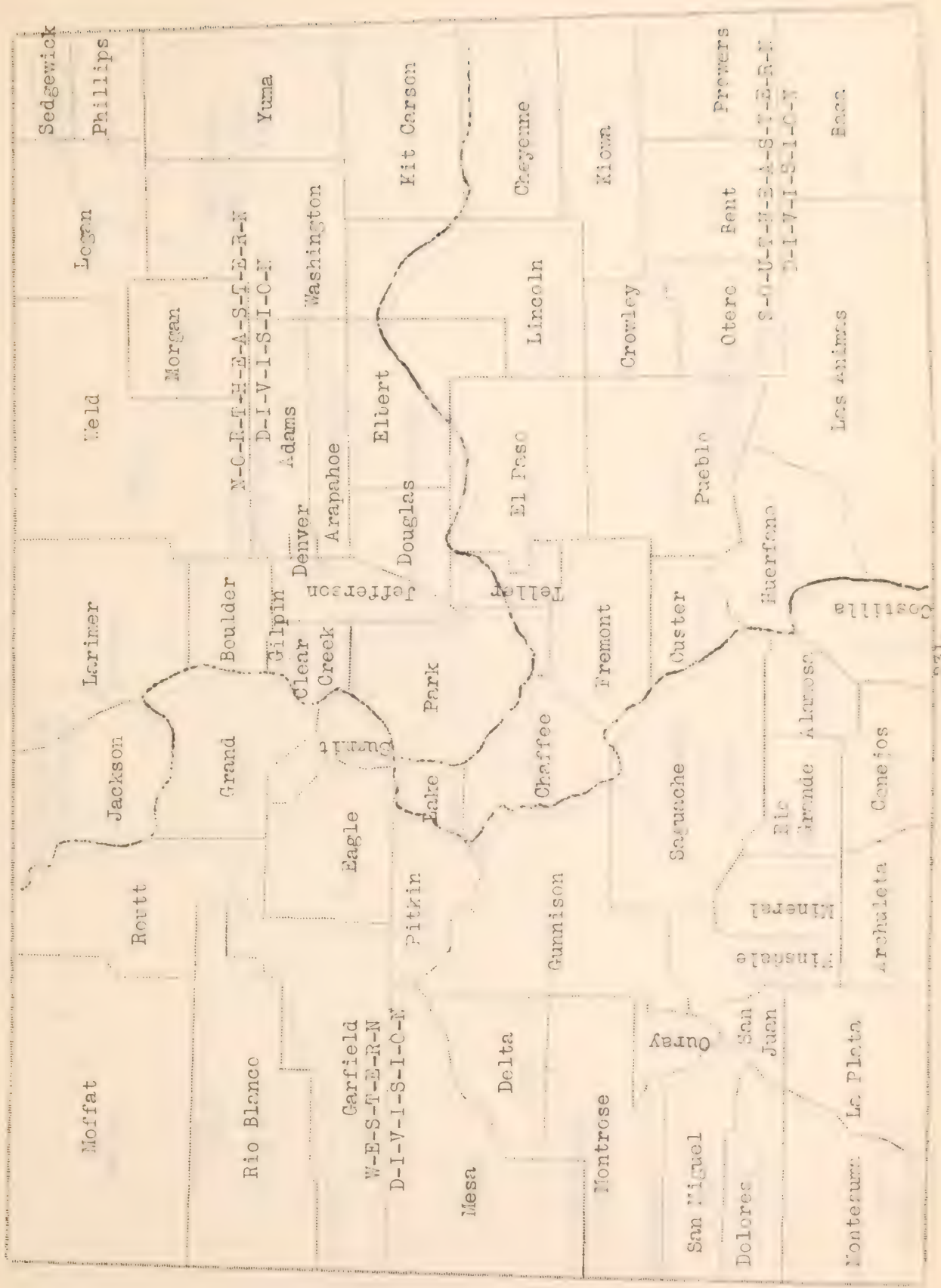
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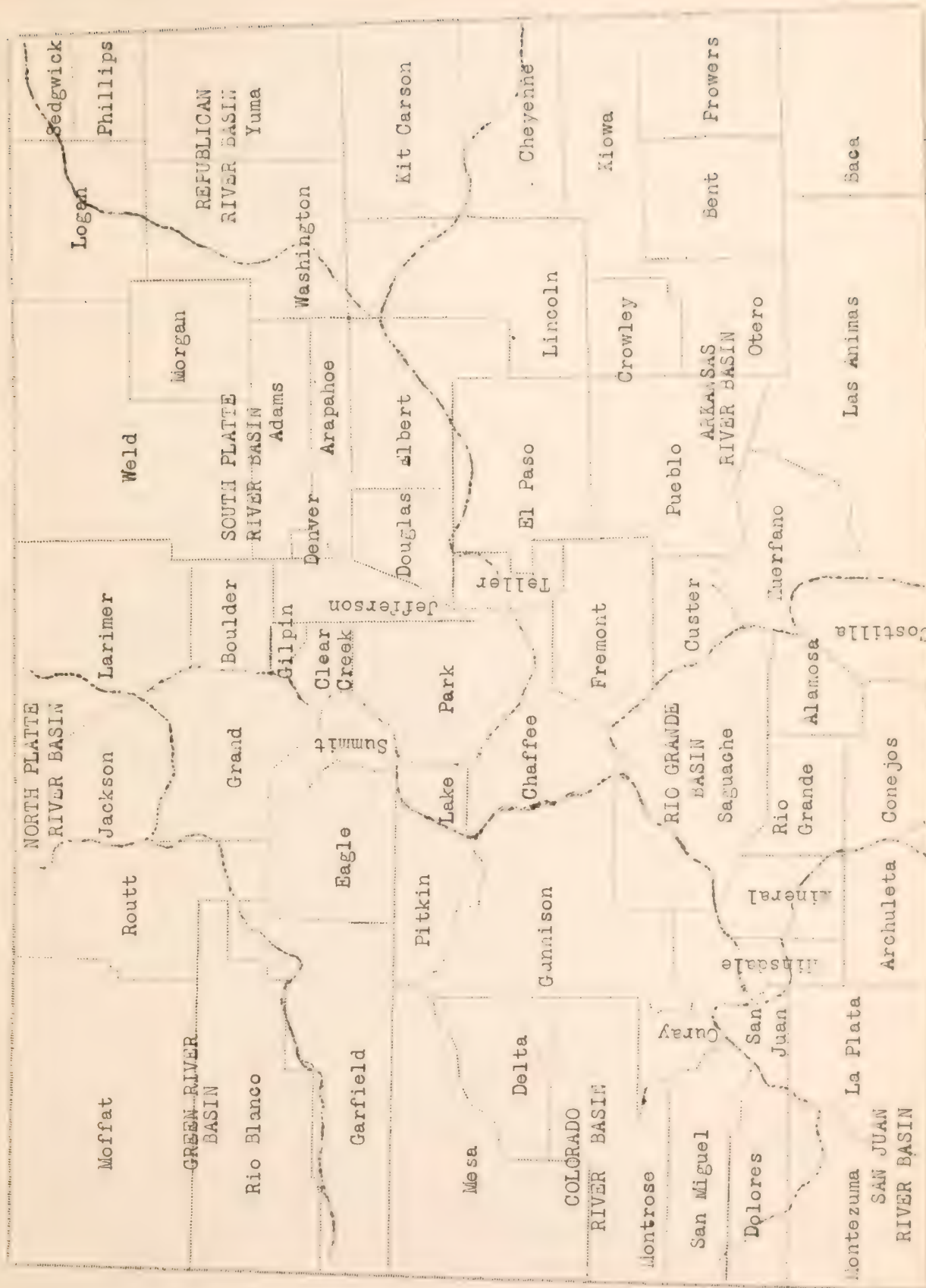
# COUNTIES AND CLIMATOLOGICAL DIVISIONS OF COLORADO





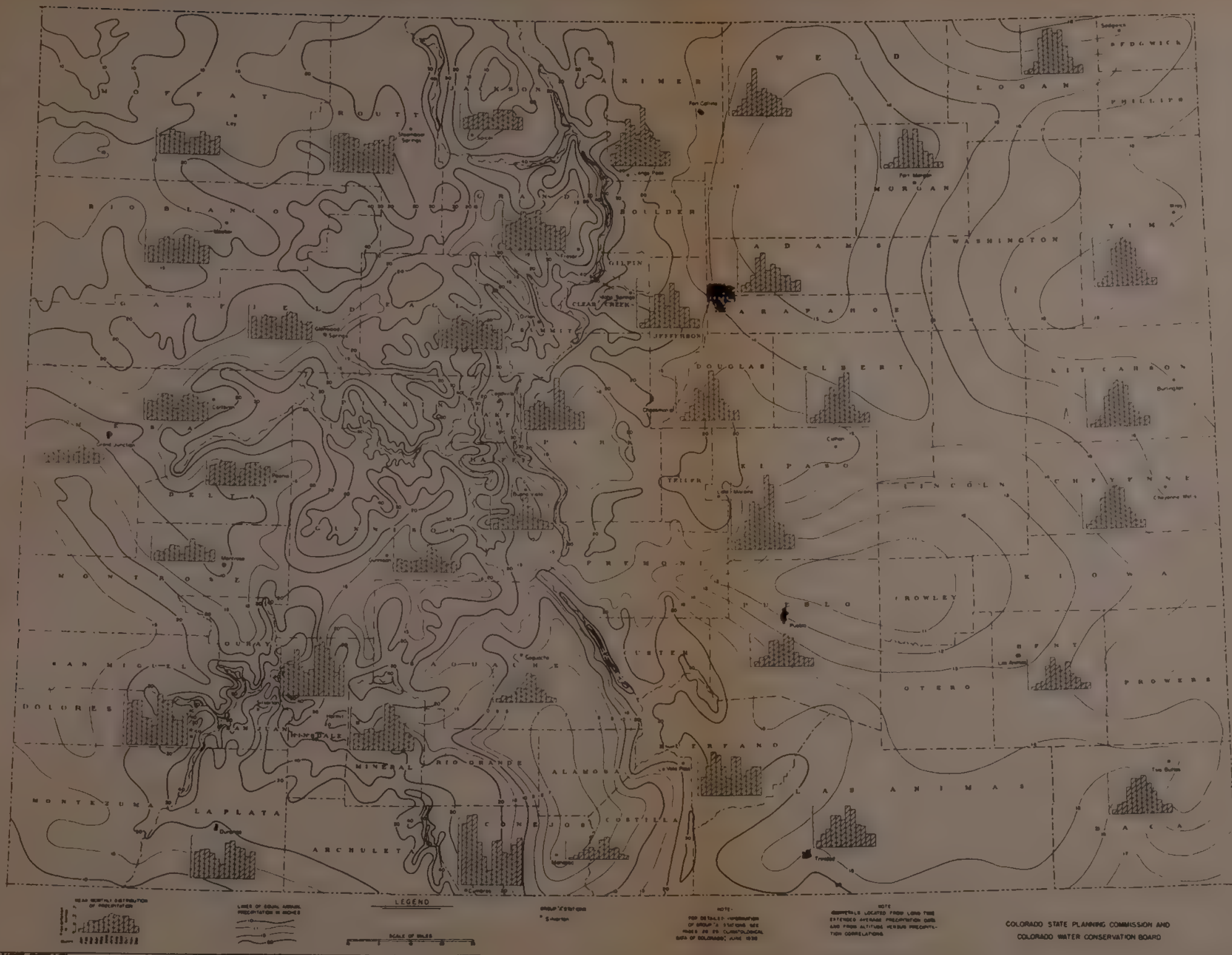


# COUNTIES AND MAJOR BASIN DIVISIONS OF COLORADO





# DISTRIBUTION OF PRECIPITATION IN COLORADO







# SNOW COURSES AND SNOW STAKES IN COLORADO







# GROWING SEASON MAP OF COLORADO

SHOWING AVERAGE NUMBER OF DAYS BETWEEN KILLING FROSTS









# TOPOGRAPHY OF COLORADO



COLORADO STATE PLANNING COMMISSION  
 COLORADO WATER CONSERVATION BOARD





# UNITED STATES WEATHER BUREAU STATIONS OF COLORADO

## INDEX MAP



NUMERICAL INDEX OF  
GROUP VI STATIONS  
NOT COMPLETE ON MAP

NE 11 SHERWOOD RANCH  
NE 13 LIVERMORE  
NE 15 ELKHORN  
NE 49 JAMESTOWN  
NE 52 WARD  
NE 60 SUNNYSIDE  
NE 58 SUNSHINE  
NE 63 KOSSLER CAMP  
NE 64 MAGNOLIA  
NE 66 CARDINAL  
NE 67 NEDERLAND  
NE 68 BARKER  
NE 77 GOLDEN  
NE 79 DENVER AIRPORT  
NE 81 ARMY HOSPITAL  
NE 87 SILL MINE  
NE 94 HUTCHISON  
NE 96 HALLS GULCH  
NE 101 1/2 BAILEY  
NE 108 DOLLY VARDEN MINE  
NE 111 DUDLEY

SE 2 TENNESSEE PASS  
SE 6 ORO  
SE 8 PALMER LAKE  
SE 21 WOODMEN SANATORIUM  
SE 30 STRICKLER TUNNEL  
SE 34 ALTMAN  
SE 68 1/2 MALACHITE RANGER STA.

W 33 1/2 AVON EXP. STA.  
W 55 ALEXANDER LAKE  
W 65 1/2 WATERFALL RANCH

W 95 RED MOUNTAIN  
W 96 PANDORA  
W 101 CARSON  
W 108 SAN JUAN  
W 115 1/2 LIME CREEK

### LEGEND

— Northeastern Division  
NE 76 — Index Number 76  
DENVER — Station Name  
14.07 — Average Precipitation  
in inches

Index numbers are arranged  
from North to South within  
each climatological division.

NOTE: Average precipitation  
is for years of record  
(including 1935) indicated in  
the publication "Climatological  
Data of Colorado"  
and does not include scat-  
tered years of record.  
For explanation see text  
and tables.

0 10 20 30 40  
Scale in Miles

SOLID CIRCLES DESIGNATE 38  
GROUP "A" STATIONS SELECTED  
TO GIVE A CLIMATOLOGICAL  
PATTERN OF THE STATE.

GROUP I ○ ● 40 or more years of record  
GROUP II ○ ● 30 to 39 years of record  
GROUP III ○ ● 20 to 29 years of record

GROUP IV ● 10 to 19 years of record  
GROUP V ○ 5 to 9 years of record  
GROUP VI ○ Under 5 years of record

First Order  
NE 76 DENVER  
SE 50 PUEBLO  
W 54 GRAND JUNCTION

TYPE OF STATION  
Second Order  
SE 5 LEADVILLE W 6 CRAIG  
W 135 DURANGO NE 47 AKRON  
SE 86 TRINIDAD SE 58 LAMAR

Aerological  
W 135 DURANGO W 6 CRAIG  
SE 84 HOEHNE NE 47 AKRON  
SE 58 LAMAR

County boundary line  
Division line between NE, SE and W  
Station established since Dec. 31, 1935

COLORADO STATE PLANNING COMMISSION

Oct. 1938 - D.T. Kuwano



ROCKMONT ENVELOPE CO.  
DENVER • SALT LAKE

8¼x11¼ Rockmont "Bronze" Clasp







